

Converting Colors

XYZ(74.2962, 78.4863, 88.2798)

Have a look what the booklet for
XYZ(74.2962, 78.4863, 88.2798)
contains.

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Color

**XYZ(74.3688, 78.6456,
88.3513)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6E9
RGB	226, 230, 233
RGB Percent	89%, 90%, 91%
CMY	0.1137, 0.0980, 0.0863
CMYK	0.03, 0.01, 0.00, 0.09
HSL	206°, 14%, 90%
HSV	206°, 3%, 91%
XYZ	74.3688, 78.6456, 88.3513
YIQ	229.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 229, 233
Decimal	14870249
CIE _{Lab}	91.07, -0.79, -1.93
CIE _{LCh}	91, 2.088, 247.871
Yxy	78.6456, 0.3081, 0.3258
Android (android.graphics.Color)	4293060329 (0xFFE2E6E9)
YUV	229.1460, 1.9000, -2.7590
Hunter-Lab	88.6824, -5.5045, 3.0090

Details

The XYZ color **74.3688, 78.6456, 88.3513** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3511, 78.8523, 83.2011**, and the grayscale version is **74.5738, 78.4574, 85.4401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0604, 42.4922, 47.6854** is the 20% darker color. If you saturate the color by 10%, you get **64.8573, 69.7415, 87.1351**, and if you desaturate by 10%, it is **85.0364, 88.3859, 89.6703**.

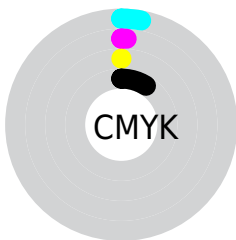
Distribution



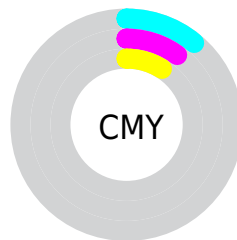
- Red (89%)
- Green (90%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3688, 78.6456, 88.3513 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.3688, 78.6456, 88.3513 by changing the saturation by 10% instead.

■ 74.3688, 78.6456,
88.3513

■ 74.3688, 78.6456,
88.3513

464.7759,
490.3566, 543.0841

■ 55.3883, 58.6045,
66.0481

124.4112,
131.4598, 146.9616

■ 39.9478, 42.2948,
47.8547

156.2037,
165.0017, 184.1057

■ 27.6818, 29.3322,
33.3526

192.9977,
203.8126, 227.0338

■ 18.2252, 19.3323,
22.1234

235.1584,
248.2770, 276.1646

■ 11.2125, 11.9106,
13.7484

283.0512,
298.7791, 331.9164

■ 6.2783, 6.6828,
7.8092

337.0415,

■ 3.0573, 3.2646,

355.7035, 394.7079

3.8871

397.4946,
419.4346, 464.9576

■ 1.1841, 1.2714,
1.5636

■ 0.0938, 0.1189,
0.2646

■ 74.3688, 78.6456,
88.3513

■ 74.3688, 78.6456,
88.3513

■ 64.8573, 69.7415,
87.1351

■ 85.0364, 88.3859,
89.6703

■ 56.4529, 61.6377,
86.0139

■ 90.1186, 95.4840,
90.7725

■ 49.1126, 54.3103,
84.9865

■ 91.7082, 98.6633,
91.3024

■ 42.7879, 47.7302,
84.0497

■ 37.4266, 41.8661,
83.2004

■ 32.9709, 36.6841,
82.4350

■ 29.3566, 32.1465,
81.7497

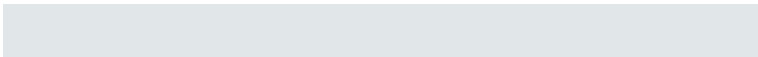
■ 26.5099, 28.2106,
81.1400

■ 24.3418, 24.8257,
80.6009

Harmonies

Analogous

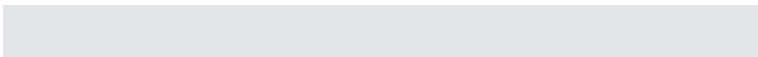
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9523, 78.6456, 87.4276



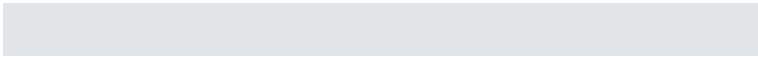
74.3688, 78.6456, 88.3513



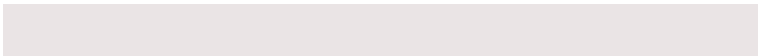
74.8893, 78.6456, 88.5420

Triad

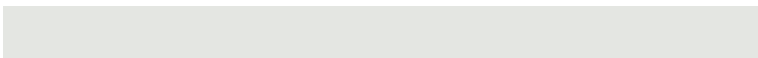
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3688, 78.6456, 88.3513



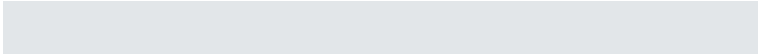
75.7597, 78.6456, 85.2344



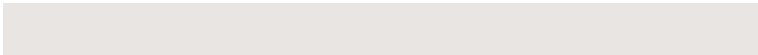
74.1292, 78.6456, 83.3587

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



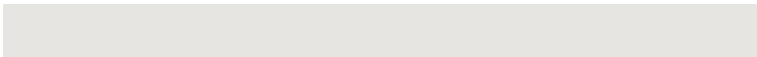
74.3688, 78.6456, 88.3513



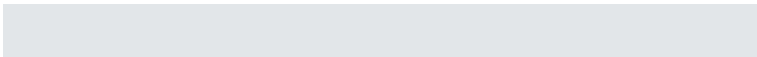
75.3511, 78.8523, 83.2011

Split Complementary

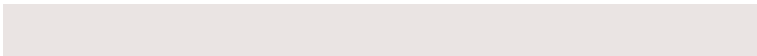
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6114, 78.6456, 82.7859



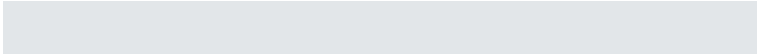
74.3688, 78.6456, 88.3513



75.5539, 78.6456, 83.8605

Square

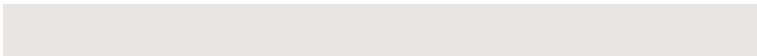
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



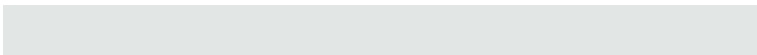
74.3688, 78.6456, 88.3513



75.6940, 78.6456, 86.7308



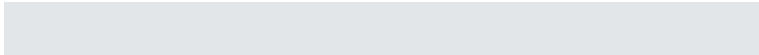
75.1331, 78.6456, 82.9685



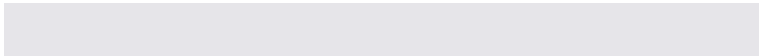
73.8145, 78.6456, 84.5419

Rectangle

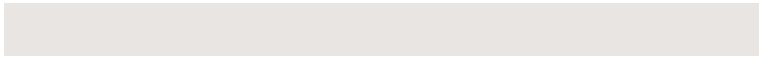
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



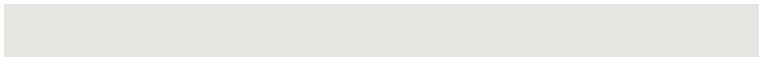
74.3688, 78.6456, 88.3513



75.2255, 78.6456, 88.2258



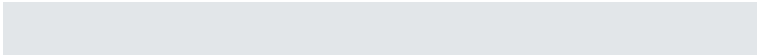
75.1331, 78.6456, 82.9685



74.2770, 78.6456, 83.0890

Sweetspot

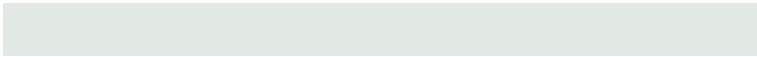
The Sweet Spot groups the original color and five complimentary colors.



74.3710, 78.6490, 88.3530



93.7709, 98.8252, 108.7407



74.6353, 80.1003, 85.5961



20.0843, 21.1651, 23.2767



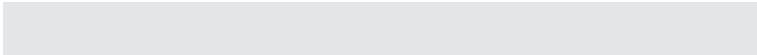
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

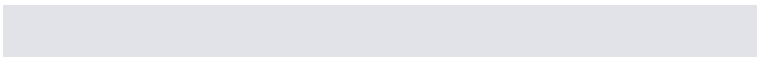
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3710, 78.6490, 88.3530



90.0195, 95.3626, 108.2700



73.4284, 76.7636, 88.0388



15.9458, 16.9128, 19.3463



13.2516, 13.1502, 45.5828



1.1357, 1.2229, 3.6111

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.0853, 77.4309, 85.8552



91.1869, 93.3859, 104.1840



76.3070, 80.7640, 83.5198



16.1909, 16.4997, 18.4877



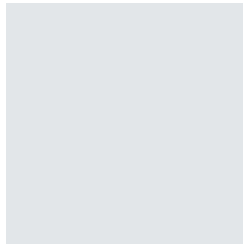
21.5441, 10.8203, 13.9325



1.7398, 0.8689, 1.3469

Previews

White Background



This preview shows how the XYZ color 74.3688, 78.6456, 88.3513 looks on a white background.

Color Contrast Check

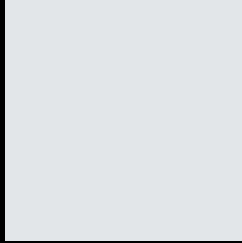
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.3688, 78.6456, 88.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

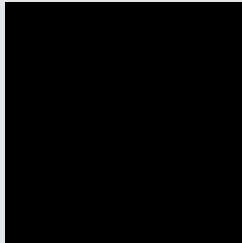
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

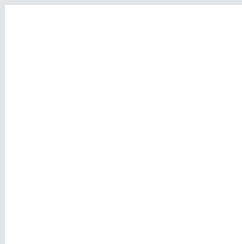
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3688, 78.6456, 88.3513

Background



This preview shows how black text looks on a background with the XYZ color 74.3688, 78.6456, 88.3513.

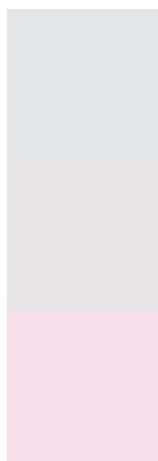


This preview shows how white text looks on a background with the XYZ color 74.3688, 78.6456,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.3688, 78.6456, 88.3513

Protanopia

75.5876, 78.4688, 87.5060

Deuteranopia

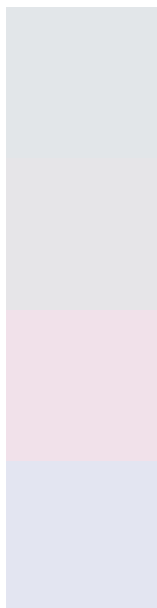
80.1836, 78.3804, 89.5001



Tritanopia

76.3729, 78.6346, 98.3415

Trichromacy



Original Color

74.3688, 78.6456, 88.3513

Protanomaly

75.2179, 78.6878, 87.5678

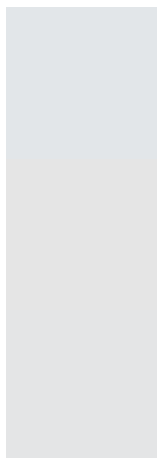
Deuteranomaly

78.0521, 78.4917, 88.8785

Tritanomaly

75.5750, 78.7204, 94.4304

Monochromacy



Original Color

74.3688, 78.6456, 88.3513

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2971, 78.2458, 86.0500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3688, 78.6456, 88.3513 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(226, 230, 233) looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.3688, 78.6456, 88.3513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 230, 233) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(226, 230, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(226, 230, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3688, 78.6456, 88.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
230, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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