

Converting Colors

XYZ(75.1480, 78.4833, 88.2979)

Have a look what the booklet for
XYZ(75.1480, 78.4833, 88.2979)
contains.

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Color

**XYZ(75.3604, 78.7448,
88.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5E9
RGB	230, 229, 233
RGB Percent	90%, 90%, 91%
CMY	0.0980, 0.1019, 0.0863
CMYK	0.01, 0.02, 0.00, 0.09
HSL	255°, 8%, 91%
HSV	255°, 2%, 91%
XYZ	75.3604, 78.7448, 88.3181
YIQ	229.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

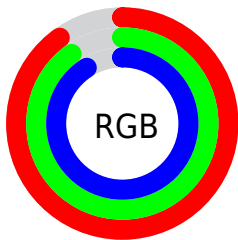
Format	Color
R _Y B	230, 229, 233
Decimal	15132137
CIE Lab	91.12, 1.06, -1.83
CIE LCh	91, 2.117, 299.999
Yxy	78.7448, 0.3109, 0.3248
Android (android.graphics.Color)	4293322217 (0xFFE6E5E9)
YUV	229.7550, 1.5998, 0.2149
Hunter-Lab	88.7383, -3.7020, 3.1075

Details

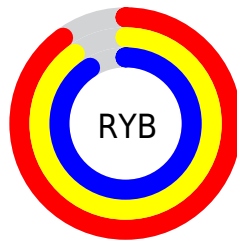
The XYZ color **75.3604, 78.7448, 88.3181** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5634, 81.0929, 85.7499**, and the grayscale version is **75.0235, 78.9306, 85.9554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7511, 42.5604, 47.6621** is the 20% darker color. If you saturate the color by 10%, you get **64.0071, 63.9570, 86.0633**, and if you desaturate by 10%, it is **88.1468, 95.5602, 90.8911**.

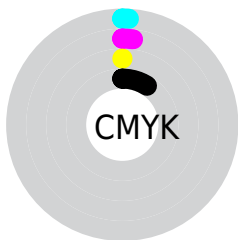
Distribution



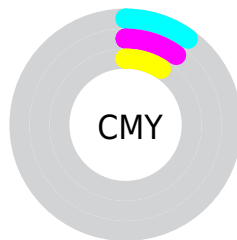
- Red (90%)
- Green (90%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3604, 78.7448, 88.3181 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 75.3604, 78.7448, 88.3181 by changing the saturation by 10% instead.

■ 75.3604, 78.7448,
88.3181

■ 75.3604, 78.7448,
88.3181

468.1335,
490.6926, 542.9727

■ 56.2034, 58.6860,
66.0207

125.8076,
131.5995, 146.9150

■ 40.6037, 42.3604,
47.8326

157.8285,
165.1643, 184.0515

■ 28.1958, 29.3836,
33.3353

194.8680,
203.9998, 226.9716

■ 18.6145, 19.3712,
22.1102

237.2916,
248.4904, 276.0936

■ 11.4944, 11.9388,
13.7388

285.4646,
299.0206, 331.8362

■ 6.4702, 6.7020,
7.8026

339.7524,

■ 3.1764, 3.2765,

355.9748, 394.6179

3.8829

400.5202,
419.7373, 464.8572

■ 1.2477, 1.2777,
1.5613

■ 0.1435, 0.1238,
0.2630

■ 75.3604, 78.7448,
88.3181

■ 75.3604, 78.7448,
88.3181

■ 64.0071, 63.9570,
86.0633

■ 88.1468, 95.5602,
90.8911

■ 54.0294, 51.1098,
84.1095

■ 91.7082, 98.6633,
91.3023

■ 45.3757, 40.1246,
82.4452

■ 37.9887, 30.9136,
81.0566

■ 31.8065, 23.3820,
79.9287

■ 26.7621, 17.4257,
79.0449

■ 22.7813, 12.9289,
78.3868

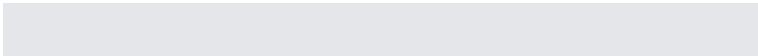
■ 19.7804, 9.7593,
77.9331

■ 17.6616, 7.7592,
77.6587

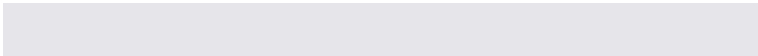
Harmonies

Analogous

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



74.8446, 78.7448, 88.7215



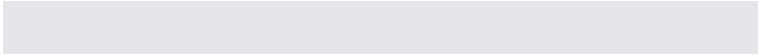
75.3604, 78.7448, 88.3181



75.7395, 78.7448, 87.2221

Triad

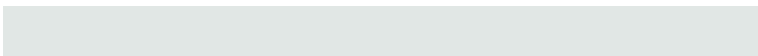
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3604, 78.7448, 88.3181



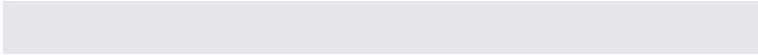
75.3604, 78.7448, 83.2120



73.8200, 78.7448, 85.7397

Complementary

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



75.3604, 78.7448, 88.3181



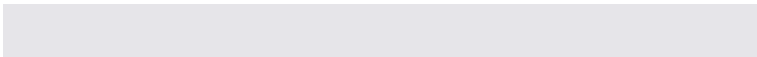
76.5634, 81.0929, 85.7499

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.



73.9567, 78.7448, 84.2741



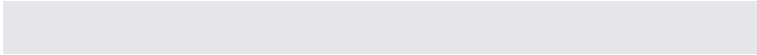
75.3604, 78.7448, 88.3181



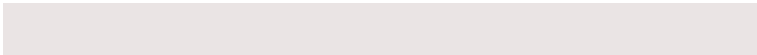
74.8446, 78.7448, 82.8255

Square

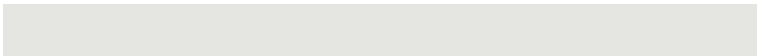
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



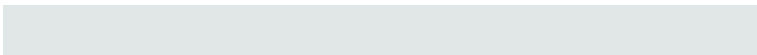
75.3604, 78.7448, 88.3181



75.7395, 78.7448, 84.2742



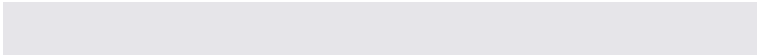
74.3311, 78.7448, 83.2120



73.9567, 78.7448, 87.2221

Rectangle

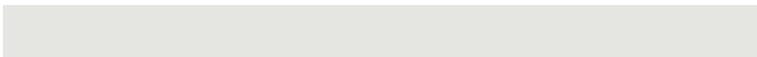
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3604, 78.7448, 88.3181



75.8628, 78.7448, 86.2527



74.3311, 78.7448, 83.2120



73.8355, 78.7448, 85.2288

Sweetspot

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



75.3626, 78.7482, 88.3198



93.5411, 98.0225, 108.5978



75.8991, 80.2943, 88.5900



20.0376, 21.0017, 23.2476



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.



75.3626, 78.7482, 88.3198



92.0499, 96.0701, 108.2996



75.9869, 79.0700, 88.3490



16.4953, 17.2239, 19.3774



9.4335, 3.8991, 43.9984



0.8265, 0.3504, 3.4589

Inverse Universe

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



76.1919, 79.1920, 87.6178



93.2405, 96.7075, 107.2904



75.9389, 80.7709, 85.7207



16.6961, 17.3314, 19.2073



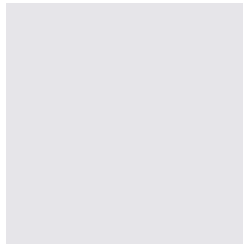
23.5060, 11.6051, 24.2639



1.8837, 0.9265, 2.1051

Previews

White Background



This preview shows how the XYZ color 75.3604, 78.7448, 88.3181 looks on a white background.

Color Contrast Check

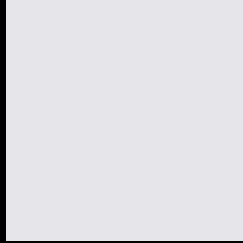
Large Text (above 18pt) WCAG AA × Fail

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 75.3604, 78.7448, 88.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

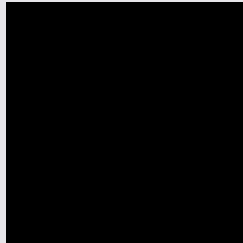
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

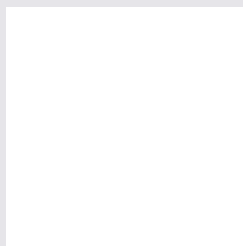
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3604, 78.7448, 88.3181

Background



This preview shows how black text looks on a background with the XYZ color 75.3604, 78.7448, 88.3181.



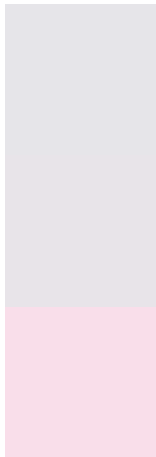
This preview shows how white text looks on a background with the XYZ color 75.3604, 78.7448,

88.3181.

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

75.3604, 78.7448, 88.3181

Protanopia

75.7301, 78.5258, 88.2564

Deuteranopia

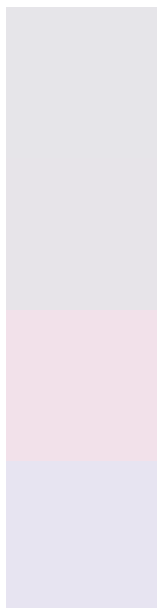
80.0395, 78.3228, 88.7412



Tritanopia

77.2292, 78.6865, 97.5038

Trichromacy



Original Color

75.3604, 78.7448, 88.3181

Protanomaly

75.4064, 78.3589, 88.2412

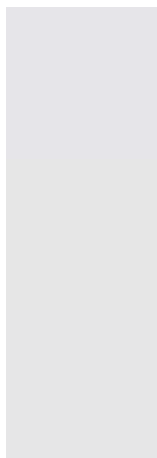
Deuteranomaly

78.3944, 78.6682, 88.8945

Tritanomaly

76.5756, 78.8266, 94.3982

Monochromacy



Original Color

75.3604, 78.7448, 88.3181

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3537, 79.1861, 86.9142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3604, 78.7448, 88.3181 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(230, 229, 233) looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 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(230, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.3604, 78.7448, 88.3181 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(230, 229, 233) }
```


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

```
.border{ border-color:rgb(230, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 229, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 229, 233); box-shadow:4px 4px 4px 4px rgb(230, 229, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3604, 78.7448, 88.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 233) }
```

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

```
.background{ background-color: rgb(230,  
229, 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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