

Converting Colors

XYZ(73.6590, 78.3633, 84.5974)

Have a look what the booklet for
XYZ(73.6590, 78.3633, 84.5974)
contains.

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Color

**XYZ(73.6644, 78.3638,
84.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6E4
RGB	226, 230, 228
RGB Percent	89%, 90%, 89%
CMY	0.1137, 0.0980, 0.1059
CMYK	0.02, 0.00, 0.01, 0.10
HSL	150°, 7%, 89%
HSV	150°, 2%, 90%
XYZ	73.6644, 78.3638, 84.6420
YIQ	228.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

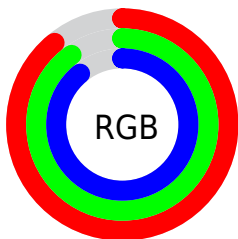
Format	Color
R _Y B	226, 229, 230
Decimal	14870244
CIE Lab	90.95, -1.69, 0.49
CIE LCh	91, 1.764, 163.766
Yxy	78.3638, 0.3113, 0.3311
Android (android.graphics.Color)	4293060324 (0xFFE2E6E4)
YUV	228.5760, -0.2840, -2.2592
Hunter-Lab	88.5233, -6.3776, 5.2759

Details

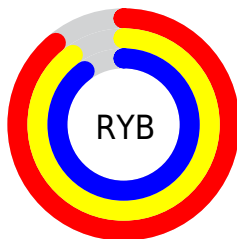
The XYZ color **73.6644, 78.3638, 84.6420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8359, 76.8191, 84.3386**, and the grayscale version is **74.1695, 78.0321, 84.9770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6674, 42.3350, 45.6159** is the 20% darker color. If you saturate the color by 10%, you get **65.3854, 74.2766, 76.1898**, and if you desaturate by 10%, it is **83.0217, 82.9991, 93.7033**.

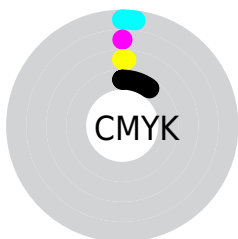
Distribution



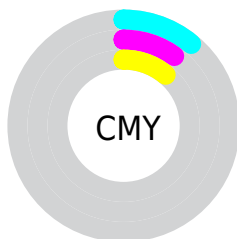
- Red (89%)
- Green (90%)
- Blue (89%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6644, 78.3638, 84.6420 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 73.6644, 78.3638, 84.6420 by changing the saturation by 10% instead.

■ 73.6644, 78.3638,
84.6420

■ 73.6644, 78.3638,
84.6420

462.3825,
489.4015, 530.5564

■ 54.8097, 58.3729,
62.9972

123.4180,
131.0628, 141.7426

■ 39.4826, 42.1085,
45.3979

155.0477,
164.5397, 178.0355

■ 27.3178, 29.1863,
31.4258

191.6663,
203.2808, 220.0481

■ 17.9499, 19.2218,
20.6621

233.6394,
247.6703, 268.1990

■ 11.0135, 11.8306,
12.6884

281.3322,
298.0927, 322.9067

■ 6.1433, 6.6285,
7.0861

335.1100,

■ 2.9739, 3.2308,

354.9325, 384.5898

3.4368

395.3384,
418.5739, 453.6669

■ 1.1400, 1.2534,
1.3217

■ 0.0582, 0.1047,
0.0795

■ 73.6644, 78.3638,
84.6420

■ 73.6644, 78.3638,
84.6420

■ 65.3854, 74.2766,
76.1898

■ 83.0217, 82.9991,
93.7033

■ 58.1379, 70.7068,
68.3290

■ 86.9545, 84.8231,
103.0750

■ 51.8811, 67.6360,
61.0482

■ 87.5883, 85.0767,
106.4128

■ 46.5691, 65.0407,
54.3338

■ 42.1520, 62.8954,
48.1718

■ 38.5753, 61.1723,
42.5474

■ 35.7783, 59.8404,
37.4450

■ 33.6911, 58.8641,
32.8481

■ 32.2307, 58.2006,
28.7392

Harmonies

Analogous

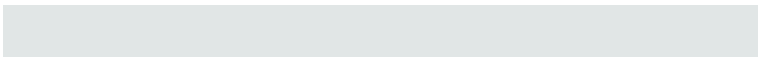
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8925, 78.3638, 83.5684



73.6644, 78.3638, 84.6420



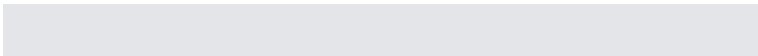
73.6549, 78.3638, 85.9089

Triad

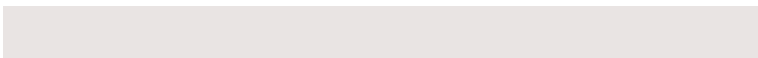
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6644, 78.3638, 84.6420



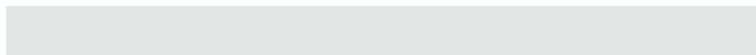
74.6861, 78.3638, 87.7258



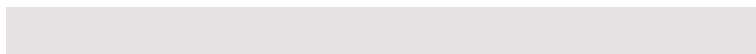
75.1017, 78.3638, 83.6420

Complementary

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



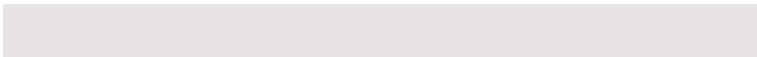
73.6644, 78.3638, 84.6420



73.8359, 76.8191, 84.3386

Split Complementary

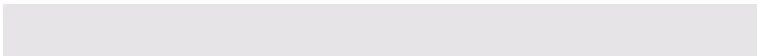
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3161, 78.3638, 84.7434



73.6644, 78.3638, 84.6420



75.0755, 78.3638, 87.1058

Square

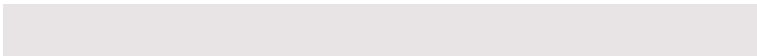
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



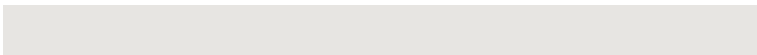
73.6644, 78.3638, 84.6420



74.2436, 78.3638, 87.6980



75.3065, 78.3638, 86.0114



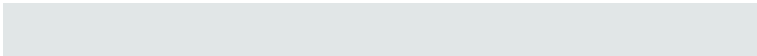
74.7218, 78.3638, 82.9950

Rectangle

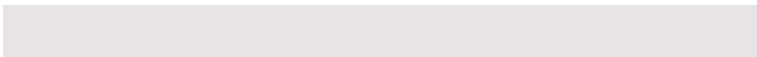
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6644, 78.3638, 84.6420



73.7738, 78.3638, 86.6933



75.3065, 78.3638, 86.0114



75.1956, 78.3638, 83.9709

Sweetspot

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



73.6666, 78.3672, 84.6437



93.9132, 99.4376, 107.7779



74.0432, 78.5932, 83.2200



20.1133, 21.2897, 23.0808



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

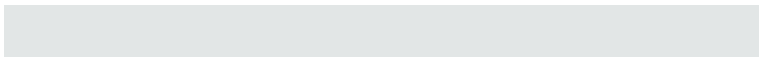
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6666, 78.3672, 84.6437



92.7903, 98.8822, 106.6635



73.9371, 78.4754, 86.0681



15.8570, 16.8850, 18.2243



17.8304, 32.7643, 14.8732



1.3645, 2.4399, 1.3460

Inverse Universe

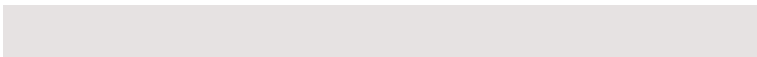
The Inverse Universe completely reimagines the original color for something new.



73.8359, 76.8191, 84.3386



93.0370, 96.6261, 106.2188



73.5684, 76.7121, 82.9300



15.8966, 16.5228, 18.1529



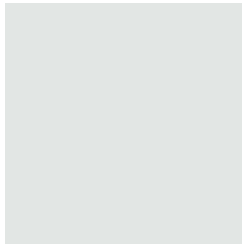
20.2921, 10.2510, 10.4330



1.5464, 0.7763, 1.0179

Previews

White Background



This preview shows how the XYZ color 73.6644, 78.3638, 84.6420 looks on a white background.

Color Contrast Check

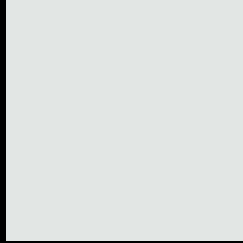
Large Text (above 18pt) WCAG AA × Fail

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 73.6644, 78.3638, 84.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

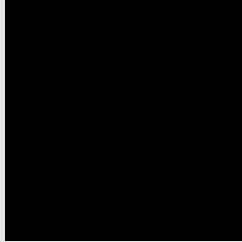
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

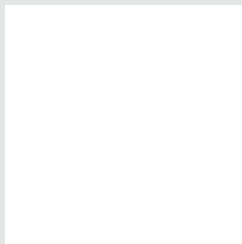
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6644, 78.3638, 84.6420

Background



This preview shows how black text looks on a background with the XYZ color 73.6644, 78.3638, 84.6420.



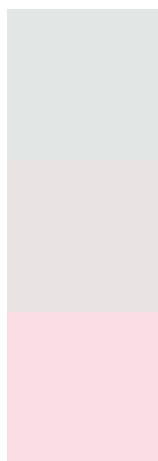
This preview shows how white text looks on a background with the XYZ color 73.6644, 78.3638,

84.6420.

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

73.6644, 78.3638, 84.6420

Protanopia

75.2128, 78.3565, 83.8332

Deuteranopia

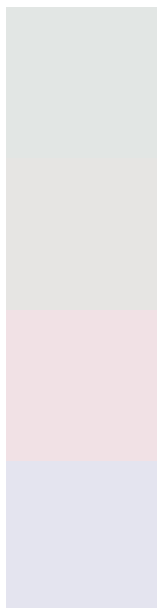
79.8285, 78.2797, 85.7650



Tritanopia

76.2636, 78.1888, 97.4586

Trichromacy



Original Color

73.6644, 78.3638, 84.6420

Protanomaly

74.5176, 78.4077, 83.8797

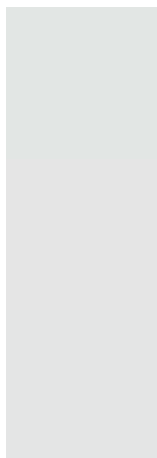
Deuteranomaly

77.3437, 78.2083, 85.1480

Tritanomaly

75.3183, 78.2128, 92.7882

Monochromacy



Original Color

73.6644, 78.3638, 84.6420

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1571, 78.1897, 85.3124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6644, 78.3638, 84.6420 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, 228) looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.6644, 78.3638, 84.6420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

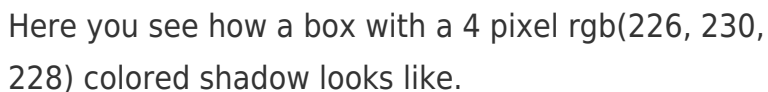
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 230, 228) }
```


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

```
.border{ border-color:rgb(226, 230, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 230, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 230, 228); box-shadow:4px 4px 4px 4px rgb(226, 230, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6644, 78.3638, 84.6420 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, 228) }
```

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

```
.background{ background-color: rgb(226,  
230, 228) }
```

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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