

Converting Colors

XYZ(73.9392, 78.4833, 84.6114)

Have a look what the booklet for
XYZ(73.9392, 78.4833, 84.6114)
contains.

XYZ(73.9790, 78.5260, 84.6567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(73.9790, 78.5260,
84.6567)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E6E4
RGB	227, 230, 228
RGB Percent	89%, 90%, 89%
CMY	0.1098, 0.0980, 0.1059
CMYK	0.01, 0.00, 0.01, 0.10
HSL	140°, 6%, 90%
HSV	140°, 1%, 90%
XYZ	73.9790, 78.5260, 84.6567
YIQ	228.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

Format	Color
R _Y B	227, 229, 230
Decimal	14935780
CIE Lab	91.02, -1.36, 0.61
CIE LCh	91, 1.489, 155.834
Yxy	78.5260, 0.3119, 0.3311
Android (android.graphics.Color)	4293125860 (0xFFE3E6E4)
YUV	228.8750, -0.4314, -1.6444
Hunter-Lab	88.6149, -6.0577, 5.3888

Details

The XYZ color **73.9790, 78.5260, 84.6567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2480, 77.4204, 85.1631**, and the grayscale version is **74.3899, 78.2640, 85.2295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8861, 42.4477, 45.6262** is the 20% darker color. If you saturate the color by 10%, you get **65.1673, 74.2209, 73.6148**, and if you desaturate by 10%, it is **83.9533, 83.4130, 96.7432**.

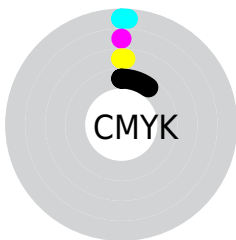
Distribution



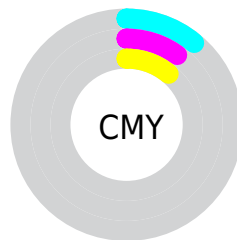
- Red (89%)
- Green (90%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9790, 78.5260, 84.6567 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 73.9790, 78.5260, 84.6567 by changing the saturation by 10% instead.

■ 73.9790, 78.5260,
84.6567

■ 73.9790, 78.5260,
84.6567

463.4523,
489.9514, 530.6064

■ 55.0681, 58.5062,
63.0092

123.8617,
131.2914, 141.7633

■ 39.6903, 42.2157,
45.4076

155.5642,
164.8057, 178.0596

■ 27.4803, 29.2702,
31.4333

192.2612,
203.5869, 220.0759

■ 18.0727, 19.2853,
20.6678

234.3182,
248.0195, 268.2307

■ 11.1022, 11.8766,
12.6925

282.1004,
298.4879, 322.9426

■ 6.2034, 6.6597,
7.0889

335.9733,

■ 3.0110, 3.2502,

355.3764, 384.6302

3.4385

396.3021,
419.0694, 453.7119

■ 1.1596, 1.2637,
1.3227

■ 0.0741, 0.1129,
0.0803

■ 73.9790, 78.5260,
84.6567

■ 73.9790, 78.5260,
84.6567

■ 65.1673, 74.2209,
73.6148

■ 83.9533, 83.4130,
96.7432

■ 57.4686, 70.4661,
63.5847

■ 87.5883, 85.0767,
106.4128

■ 50.8393, 67.2420,
54.5395

■ 45.2305, 64.5238,
46.4491

■ 40.5892, 62.2849,
39.2819

■ 36.8576, 60.4963,
33.0044

■ 33.9714, 59.1254,
27.5814

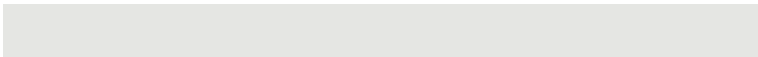
■ 31.8573, 58.1353,
22.9749

■ 30.4283, 57.4820,
19.1439

Harmonies

Analogous

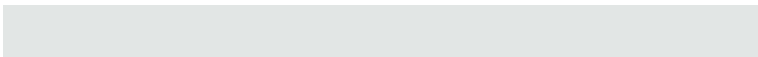
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2142, 78.5260, 83.8340



73.9790, 78.5260, 84.6567



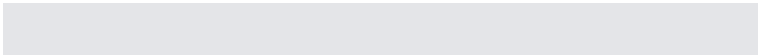
73.9198, 78.5260, 85.7121

Triad

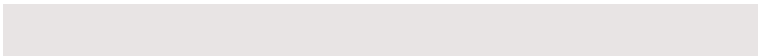
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9790, 78.5260, 84.6567



74.7101, 78.5260, 87.5777



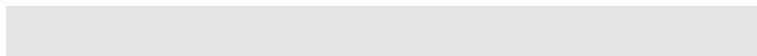
75.2242, 78.5260, 84.2951

Complementary

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



73.9790, 78.5260, 84.6567



74.2480, 77.4204, 85.1631

Split Complementary

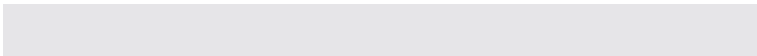
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3581, 78.5260, 85.2912



73.9790, 78.5260, 84.6567



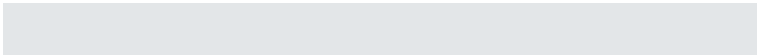
75.0606, 78.5260, 87.1909

Square

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



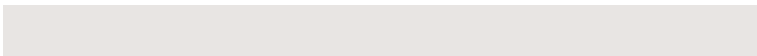
73.9790, 78.5260, 84.6567



74.3411, 78.5260, 87.4043



75.2981, 78.5260, 86.3518



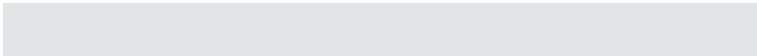
74.9329, 78.5260, 83.6264

Rectangle

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



73.9790, 78.5260, 84.6567



73.9878, 78.5260, 86.4068



75.2981, 78.5260, 86.3518



75.2892, 78.5260, 84.6025

Sweetspot

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



73.9812, 78.5294, 84.6584

95.0500, 100.0000, 108.9000



74.4941, 78.8098, 83.9598



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



73.9812, 78.5294, 84.6584



92.6555, 98.8283, 105.9539



74.1839, 78.6104, 85.7255



15.8354, 16.8764, 18.1104



16.8205, 32.3603, 9.5550



1.2848, 2.4081, 0.9265

Inverse Universe

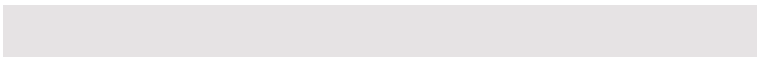
The Inverse Universe completely reimagines the original color for something new.



74.2480, 77.4204, 85.1631



93.1724, 96.6802, 106.9316



74.0459, 77.3396, 84.0988



15.9184, 16.5315, 18.2673



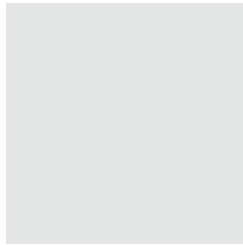
21.8095, 10.8580, 18.4234



1.6543, 0.8194, 1.5860

Previews

White Background



This preview shows how the XYZ color 73.9790, 78.5260, 84.6567 looks on a white background.

Color Contrast Check

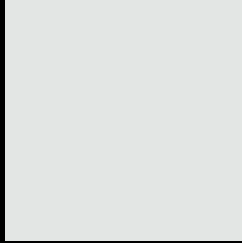
Large Text (above 18pt) WCAG AA × Fail

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 73.9790, 78.5260, 84.6567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

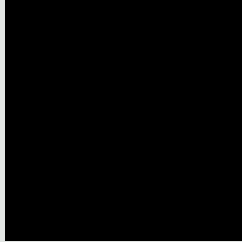
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

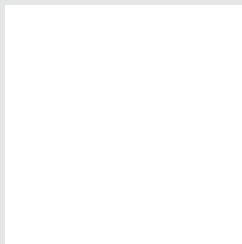
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9790, 78.5260, 84.6567

Background



This preview shows how black text looks on a background with the XYZ color 73.9790, 78.5260, 84.6567.



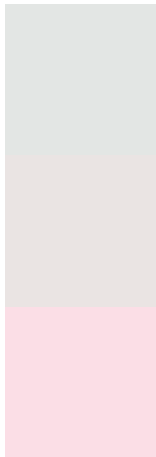
This preview shows how white text looks on a background with the XYZ color 73.9790, 78.5260,

84.6567.

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

73.9790, 78.5260, 84.6567

Protanopia

75.5402, 78.5253, 83.8485

Deuteranopia

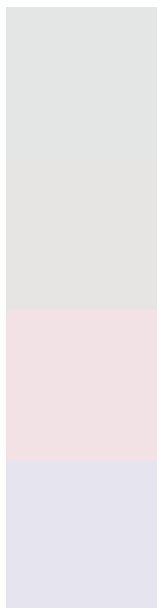
80.1879, 78.4650, 85.7818



Tritanopia

76.5836, 78.3537, 97.4736

Trichromacy



Original Color

73.9790, 78.5260, 84.6567

Protanomaly

74.8394, 78.5736, 83.8948

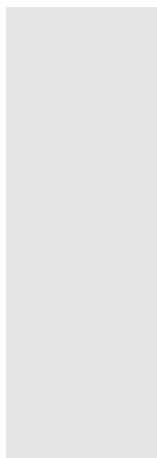
Deuteranomaly

77.6860, 78.3848, 85.1640

Tritanomaly

75.6365, 78.3768, 92.8031

Monochromacy



Original Color

73.9790, 78.5260, 84.6567

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 73.9790, 78.5260, 84.6567 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(227, 230, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.9790, 78.5260, 84.6567 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(227, 230, 228) }
```

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

```
.border{ border-color:rgb(227, 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(227, 230, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 230,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 73.9790, 78.5260, 84.6567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 230, 228) }
```

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

```
.background{ background-color: rgb(227,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor