

Converting Colors

XYZ(71.2408, 73.7548, 77.7073)

Have a look what the booklet for
XYZ(71.2408, 73.7548, 77.7073)
contains.

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Color

**XYZ(71.2758, 73.6504,
77.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DDDB
RGB	230, 221, 219
RGB Percent	90%, 87%, 86%
CMY	0.0980, 0.1333, 0.1412
CMYK	0.00, 0.04, 0.05, 0.10
HSL	11°, 18%, 88%
HSV	11°, 5%, 90%
XYZ	71.2758, 73.6504, 77.4771
YIQ	223.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

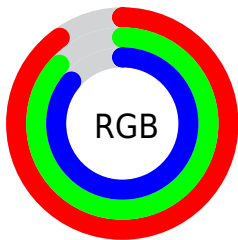
Format	Color
R _Y B	230, 221, 219
Decimal	15130075
CIE Lab	88.76, 2.72, 2.06
CIE LCh	89, 3.414, 37.156
Yxy	73.6504, 0.3205, 0.3312
Android (android.graphics.Color)	4293320155 (0xFFE6DDDB)
YUV	223.4630, -2.2003, 5.7329
Hunter-Lab	85.8198, -1.9353, 6.5476

Details

The XYZ color **71.2758, 73.6504, 77.4771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2397, 76.2589, 85.8286**, and the grayscale version is **70.4825, 74.1531, 80.7527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7926, 38.9514, 40.6485** is the 20% darker color. If you saturate the color by 10%, you get **63.7640, 63.1418, 61.0522**, and if you desaturate by 10%, it is **79.7666, 85.4456, 96.2942**.

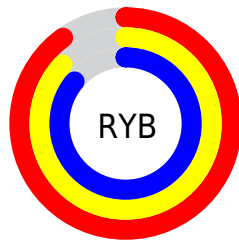
Distribution



Red (90%)

Green (87%)

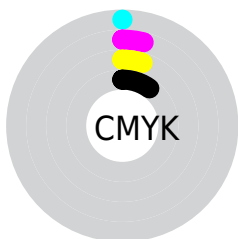
Blue (86%)



Red (90%)

Yellow (87%)

Blue (86%)

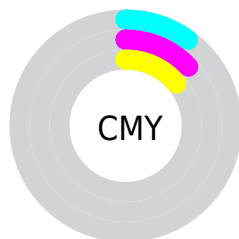


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2758, 73.6504, 77.4771 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 71.2758, 73.6504, 77.4771 by changing the saturation by 10% instead.

■ 71.2758, 73.6504,
77.4771

■ 71.2758, 73.6504,
77.4771

454.2138,
473.2659, 505.8700

■ 52.8506, 54.5080,
57.1306

120.0427,
124.4001, 131.5919

■ 37.9106, 39.0079,
40.7001

151.1152,
156.7761, 166.1973

■ 26.0902, 26.7659,
27.7669

187.1342,
194.3322, 206.3928

■ 17.0241, 17.3975,
17.9125

228.4650,
237.4526, 252.5968

■ 10.3471, 10.5183,
10.7184

275.4730,
286.5218, 305.2281

■ 5.6937, 5.7439,
5.7660

328.5236,

■ 2.6986, 2.6900,

341.9241, 364.7050

2.6369

387.9821,
404.0440, 431.4461

■ 0.9965, 0.9721,
0.9114

■ 0.0000, 0.0000,
0.0000

■ 71.2758, 73.6504,
77.4771

■ 71.2758, 73.6504,
77.4771

■ 63.7640, 63.1418,
61.0522

■ 79.7666, 85.4456,
96.2942

■ 57.1897, 53.8668,
46.9189

■ 86.4436, 95.5632,
108.4972

■ 51.5175, 45.7828,
34.9763

■ 46.7073, 38.8413,
25.1144

■ 42.7160, 32.9902,
17.2133

■ 39.4968, 28.1734,
11.1410

■ 36.9978, 24.3296,
6.7492

■ 35.1602, 21.3911,
3.8659

■ 33.9153, 19.2806,
2.2818

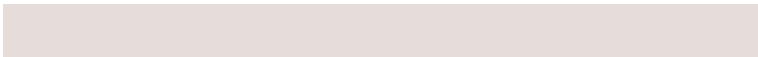
Harmonies

Analogous

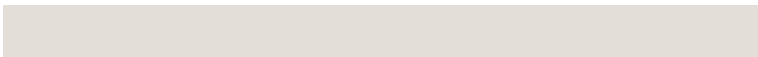
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5900, 73.6504, 79.6276



71.2758, 73.6504, 77.4771



70.6208, 73.6504, 76.0741

Triad

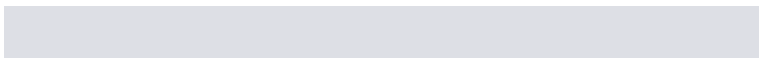
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2758, 73.6504, 77.4771



68.5492, 73.6504, 78.4400



70.2005, 73.6504, 84.7905

Complementary

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



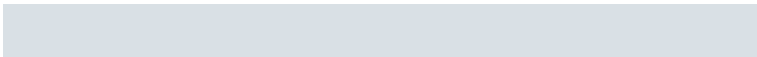
71.2758, 73.6504, 77.4771



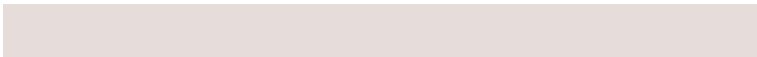
71.2397, 76.2589, 85.8286

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.



69.3878, 73.6504, 84.4575



71.2758, 73.6504, 77.4771



68.4386, 73.6504, 80.7606

Square

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



71.2758, 73.6504, 77.4771



69.0477, 73.6504, 76.6223



68.7444, 73.6504, 82.9712



70.9660, 73.6504, 83.8724

Rectangle

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



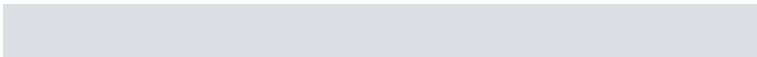
71.2758, 73.6504, 77.4771



70.0813, 73.6504, 75.7356



68.7444, 73.6504, 82.9712



69.9237, 73.6504, 84.8215

Sweetspot

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



71.2779, 73.6536, 77.4787



93.9804, 98.5135, 106.5315



71.9924, 73.0978, 83.8361



20.1270, 21.1016, 22.8271



0.0000, 0.0000, 0.0000



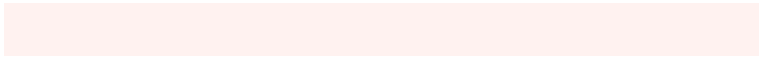
20.3446, 21.4041, 23.3091

Same Dimension

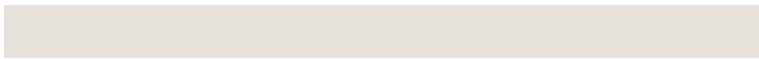
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2779, 73.6536, 77.4787



88.8210, 91.3283, 95.1514



72.7074, 76.5127, 77.9552



15.0581, 15.4468, 16.0200



19.0057, 10.5855, 1.0415



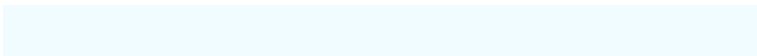
1.4661, 0.9055, 0.0975

Inverse Universe

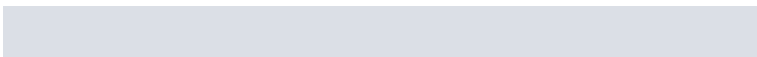
The Inverse Universe completely reimagines the original color for something new.



71.2397, 76.2589, 85.8286



88.7606, 95.4472, 108.3527



69.7961, 73.3717, 85.3475



15.0468, 16.2147, 18.4810



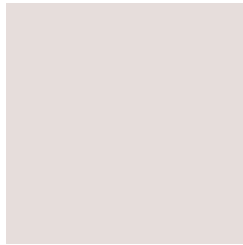
18.3620, 23.7860, 46.0066



1.4152, 1.8743, 3.4192

Previews

White Background



This preview shows how the XYZ color 71.2758, 73.6504, 77.4771 looks on a white background.

Color Contrast Check

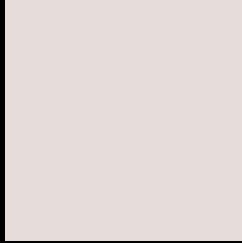
Large Text (above 18pt) WCAG AA × Fail

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 71.2758, 73.6504, 77.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

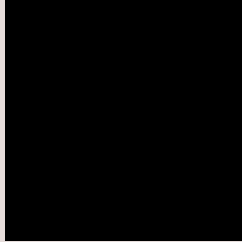
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

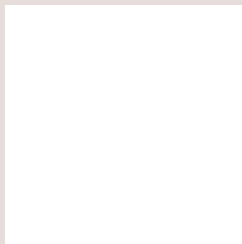
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2758, 73.6504, 77.4771

Background



This preview shows how black text looks on a background with the XYZ color 71.2758, 73.6504, 77.4771.

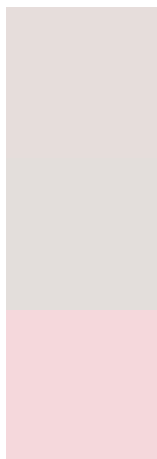


This preview shows how white text looks on a background with the XYZ color 71.2758, 73.6504,

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

71.2758, 73.6504, 77.4771

Protanopia

70.5860, 73.6879, 77.5207

Deuteranopia

75.1303, 73.6915, 77.9742



Tritanopia

73.4904, 73.3547, 89.6424

Trichromacy



Original Color

71.2758, 73.6504, 77.4771

Protanomaly

70.9024, 73.8510, 77.5355

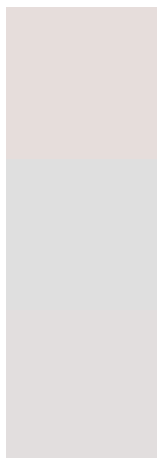
Deuteranomaly

73.9249, 73.8354, 78.0655

Tritanomaly

72.5694, 73.3651, 85.1990

Monochromacy



Original Color

71.2758, 73.6504, 77.4771

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6701, 73.6852, 79.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2758, 73.6504, 77.4771 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, 221, 219) looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 219)  
}
```

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, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.2758, 73.6504, 77.4771 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, 221, 219) }
```


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

```
.border{ border-color:rgb(230, 221, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 221, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2758, 73.6504, 77.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 219) }
```

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

```
.background{ background-color: rgb(230,  
221, 219) }
```

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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