

Converting Colors

XYZ(67.2007, 67.9407, 73.0752)

Have a look what the booklet for
XYZ(67.2007, 67.9407, 73.0752)
contains.

XYZ(67.1104, 67.7745, 73.1630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.1104, 67.7745,
73.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D3D6
RGB	227, 211, 214
RGB Percent	89%, 83%, 84%
CMY	0.1098, 0.1725, 0.1608
CMYK	0.00, 0.07, 0.06, 0.11
HSL	349°, 22%, 86%
HSV	349°, 7%, 89%
XYZ	67.1104, 67.7745, 73.1630
YIQ	216.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

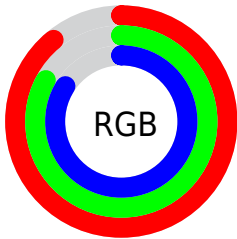
Format	Color
R _Y B	227, 211, 214
Decimal	14930902
CIE Lab	85.89, 6.04, 0.50
CIE LCh	86, 6.057, 4.762
Yxy	67.7745, 0.3226, 0.3258
Android (android.graphics.Color)	4293120982 (0xFFE3D3D6)
YUV	216.1260, -1.0481, 9.5365
Hunter-Lab	82.3253, 1.4415, 4.9363

Details

The XYZ color **67.1104, 67.7745, 73.1630** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7902, 74.1706, 81.2681**, and the grayscale version is **65.3606, 68.7644, 74.8844**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3282, 35.3878, 37.7694** is the 20% darker color. If you saturate the color by 10%, you get **59.6404, 56.3933, 59.6998**, and if you desaturate by 10%, it is **75.6475, 80.8610, 88.3001**.

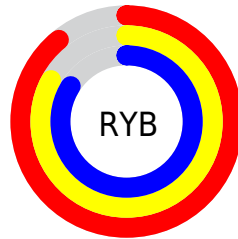
Distribution



Red (89%)

Green (83%)

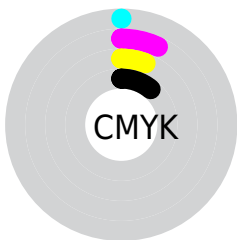
Blue (84%)



Red (89%)

Yellow (83%)

Blue (84%)

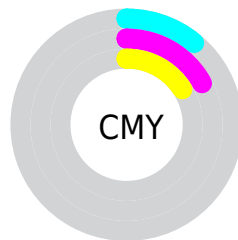


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1104, 67.7745, 73.1630 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 67.1104, 67.7745, 73.1630 by changing the saturation by 10% instead.

67.1104, 67.7745,
73.1630

67.1104, 67.7745,
73.1630

439.7639,
452.6966, 490.6655

49.4454, 49.7143,
53.6166

114.1275,
116.0295, 125.4316

35.1889, 35.1864,
37.9042

144.2103,
146.9931, 158.9910

23.9756, 23.8065,
25.6071

179.1631,
183.0266, 198.0584

15.4402, 15.1902,
16.3068

219.3512,
224.5144, 243.0524

9.2172, 8.9530,
9.5848

265.1400,
271.8409, 294.3916

4.9414, 4.7105,
5.0226

316.8948,

2.2473, 2.0784,

325.3905, 352.4945

2.2015

374.9810,
385.5476, 417.7796

■ 0.7675, 0.6525,
0.6753

■ 0.0000, 0.0000,
0.0000

■ 67.1104, 67.7745,
73.1630

■ 67.1104, 67.7745,
73.1630

■ 59.6404, 56.3933,
59.6998

■ 75.6475, 80.8610,
88.3001

■ 53.1897, 46.6387,
47.8484

■ 84.8354, 94.8097,
105.0116

■ 47.7153, 38.4388,
37.5492

■ 85.4889, 95.0711,
108.4525

■ 43.1690, 31.7130,
28.7373

■ 39.4983, 26.3733,
21.3430

■ 36.6456, 22.3223,
15.2911

■ 34.5458, 19.4501,
10.4992

■ 33.1239, 17.6280,
6.8752

■ 32.2845, 16.6897,
4.3124

Harmonies

Analogous

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



66.8587, 67.7745, 77.0976



67.1104, 67.7745, 73.1630



66.6321, 67.7745, 69.5277

Triad

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



67.1104, 67.7745, 73.1630



62.9099, 67.7745, 67.7000



63.2879, 67.7745, 80.9171

Complementary

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



67.1104, 67.7745, 73.1630



67.7902, 74.1706, 81.2681

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.



62.2527, 67.7745, 78.2333



67.1104, 67.7745, 73.1630



62.0367, 67.7745, 70.5879

Square

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



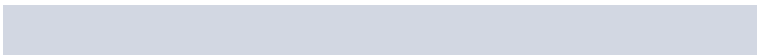
67.1104, 67.7745, 73.1630



64.1966, 67.7745, 66.4464



61.7979, 67.7745, 74.4304



64.6392, 67.7745, 81.6661

Rectangle

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



67.1104, 67.7745, 73.1630



65.9677, 67.7745, 67.7343



61.7979, 67.7745, 74.4304



62.8920, 67.7745, 80.2067

Sweetspot

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



67.1123, 67.7775, 73.1645



92.7843, 96.5250, 104.8881



67.8400, 67.9531, 82.2145



19.8834, 20.6967, 22.4925



0.0000, 0.0000, 0.0000



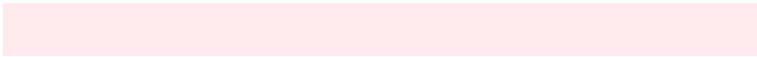
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1123, 67.7775, 73.1645



86.3285, 86.6457, 93.3878



67.9432, 70.0459, 71.5709



14.4867, 14.4119, 15.4974



18.7557, 9.6365, 2.3423



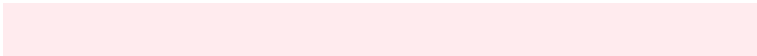
1.4176, 0.7247, 0.3395

Inverse Universe

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



67.1123, 67.7775, 73.1645



86.3285, 86.6457, 93.3878



66.9059, 71.7459, 82.9959



14.4867, 14.4119, 15.4974



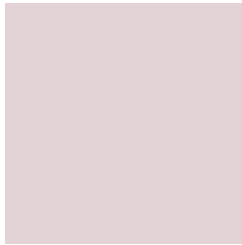
18.7557, 9.6365, 2.3423



1.4176, 0.7247, 0.3395

Previews

White Background



This preview shows how the XYZ color 67.1104, 67.7745, 73.1630 looks on a white background.

Color Contrast Check

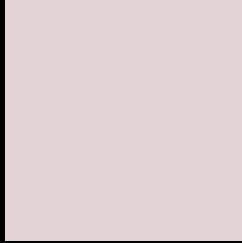
Large Text (above 18pt) WCAG AA × Fail

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 67.1104, 67.7745, 73.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

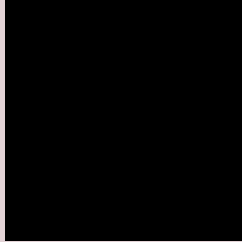
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

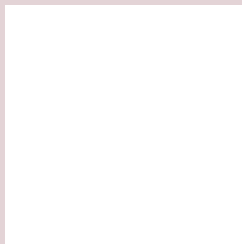
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1104, 67.7745, 73.1630

Background



This preview shows how black text looks on a background with the XYZ color 67.1104, 67.7745, 73.1630.

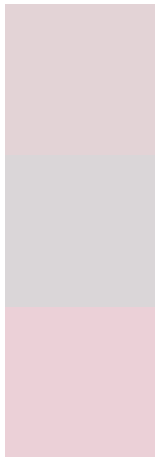


This preview shows how white text looks on a background with the XYZ color 67.1104, 67.7745,

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

67.1104, 67.7745, 73.1630

Protanopia

65.3547, 67.9564, 74.6381

Deuteranopia

69.0826, 67.6802, 73.7125



Tritanopia

68.8410, 67.7499, 81.4002

Trichromacy



Original Color

67.1104, 67.7745, 73.1630

Protanomaly

65.8788, 67.8669, 73.9174

Deuteranomaly

68.3449, 67.6630, 73.7481

Tritanomaly

68.2263, 67.8611, 78.6098

Monochromacy



Original Color

67.1104, 67.7745, 73.1630

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8275, 68.2151, 73.9873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1104, 67.7745, 73.1630 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, 211, 214) looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 214)  
}
```

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, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.1104, 67.7745, 73.1630 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, 211, 214) }
```


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

```
.border{ border-color:rgb(227, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1104, 67.7745, 73.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 214) }
```

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

```
.background{ background-color: rgb(227,  
211, 214) }
```

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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