

Converting Colors

XYZ(64.2511, 67.6498, 71.3003)

Have a look what the booklet for
XYZ(64.2511, 67.6498, 71.3003)
contains.

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Color

**XYZ(64.3772, 67.9030,
71.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D7D3
RGB	216, 215, 211
RGB Percent	85%, 84%, 83%
CMY	0.1529, 0.1568, 0.1725
CMYK	0.00, 0.00, 0.02, 0.15
HSL	48°, 6%, 84%
HSV	48°, 2%, 85%
XYZ	64.3772, 67.9030, 71.3416
YIQ	214.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

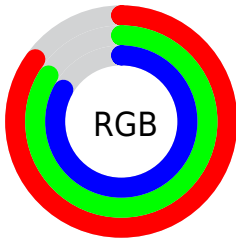
Format	Color
R_YB	212, 216, 211
Decimal	14211027
CIE Lab	85.96, -0.37, 2.08
CIE LCh	86, 2.112, 100.069
Yxy	67.9030, 0.3162, 0.3335
Android (android.graphics.Color)	4292401107 (0xFFD8D7D3)
YUV	214.8430, -1.8946, 1.0147
Hunter-Lab	82.4033, -4.7534, 6.3513

Details

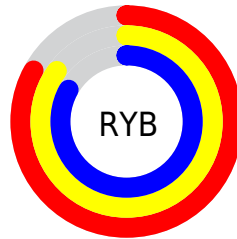
The XYZ color **64.3772, 67.9030, 71.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8021, 65.8927, 74.3751**, and the grayscale version is **64.4983, 67.8572, 73.8965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3546, 35.1530, 36.9255** is the 20% darker color. If you saturate the color by 10%, you get **60.7688, 64.7318, 57.6646**, and if you desaturate by 10%, it is **68.3822, 71.2832, 86.9477**.

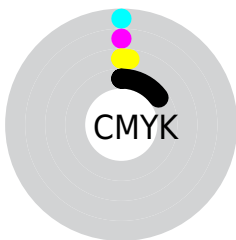
Distribution



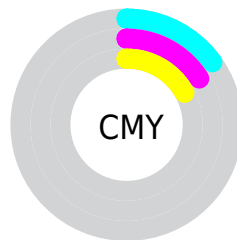
- Red (85%)
- Green (84%)
- Blue (83%)



- Red (83%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3772, 67.9030, 71.3416 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 64.3772, 67.9030, 71.3416 by changing the saturation by 10% instead.

■ 64.3772, 67.9030,
71.3416

■ 64.3772, 67.9030,
71.3416

430.1312,
453.1523, 484.1625

■ 47.2191, 49.8188,
52.1375

110.2247,
116.2134, 122.8190

■ 33.4175, 35.2695,
36.7317

139.6448,
147.2083, 155.9293

■ 22.6073, 23.8705,
24.7056

173.8829,
183.2757, 194.5122

■ 14.4229, 15.2376,
15.6409

213.3043,
224.7999, 238.9860

■ 8.4990, 8.9863,
9.1188

258.2746,
272.1652, 289.7694

■ 4.4704, 4.7323,
4.7209

309.1589,

■ 1.9715, 2.0910,

325.7561, 347.2810

2.0286

366.3226,
385.9570, 411.9391

■ 0.6179, 0.6596,
0.5728

■ 0.0000, 0.0000,
0.0000

■ 64.3772, 67.9030,
71.3416

■ 64.3772, 67.9030,
71.3416

■ 60.7688, 64.7318,
57.6646

■ 68.3822, 71.2832,
86.9477

■ 57.5366, 61.7548,
45.8362

■ 72.7919, 74.8696,
104.5502

■ 54.6669, 58.9681,
35.7770

■ 74.0884, 77.2575,
105.6150

■ 52.1431, 56.3648,
27.4000

■ 75.2862, 79.6530,
106.0143

■ 49.9469, 53.9373,
20.6107

■ 76.5136, 82.1078,
106.4234

■ 48.0585, 51.6771,
15.3054

■ 77.7708, 84.6223,
106.8425

■ 46.4555, 49.5751,
11.3679

■ 79.0582, 87.1970,
107.2716

■ 45.1125, 47.6207,
8.6648

■ 80.3758, 89.8322,
107.7108

■ 43.9987, 45.8011,
7.0356

■ 81.7239, 92.5284,
108.1602

Harmonies

Analogous

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



64.8575, 67.9030, 71.4575



64.3772, 67.9030, 71.3416



63.9426, 67.9030, 71.9139

Triad

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



64.3772, 67.9030, 71.3416



63.8302, 67.9030, 75.6637



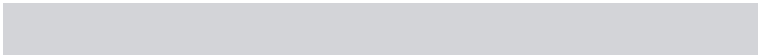
65.4186, 67.9030, 74.8471

Complementary

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



64.3772, 67.9030, 71.3416



62.8021, 65.8927, 74.3751

Split Complementary

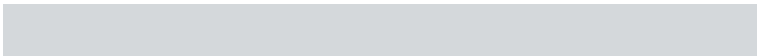
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.1407, 67.9030, 75.9932



64.3772, 67.9030, 71.3416



64.2230, 67.9030, 76.4688

Square

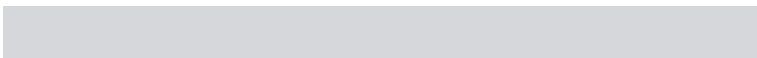
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.3772, 67.9030, 71.3416



63.6278, 67.9030, 74.4018



64.7026, 67.9030, 76.5901



65.4604, 67.9030, 73.4698

Rectangle

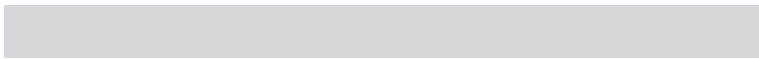
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3772, 67.9030, 71.3416



63.7366, 67.9030, 72.6130



64.7026, 67.9030, 76.5901



65.3496, 67.9030, 75.2726

Sweetspot

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



64.3791, 67.9059, 71.3431



94.4803, 99.5132, 106.6981



63.4978, 65.9420, 71.6697



20.2287, 21.3051, 22.8610



0.0000, 0.0000, 0.0000



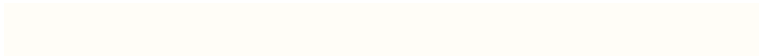
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3791, 67.9059, 71.3431



93.3584, 98.5487, 102.3804



64.1923, 68.1872, 71.4072



13.6939, 14.4666, 14.8542



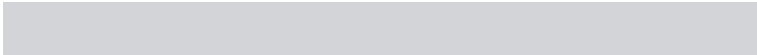
25.6822, 26.4815, 3.7579



1.6037, 1.7066, 0.2449

Inverse Universe

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



62.8021, 65.8927, 74.3751



90.3680, 94.7312, 108.1298



62.9856, 65.6189, 74.3125



13.1486, 13.7705, 15.9025



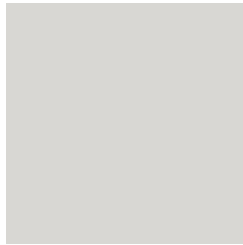
7.9092, 4.0803, 38.8239



0.5362, 0.3644, 2.3614

Previews

White Background



This preview shows how the XYZ color 64.3772, 67.9030, 71.3416 looks on a white background.

Color Contrast Check

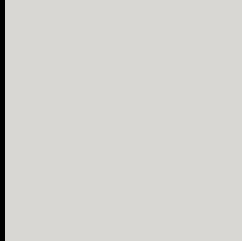
Large Text (above 18pt) WCAG AA × Fail

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 64.3772, 67.9030, 71.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

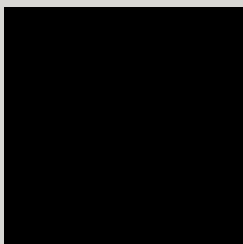
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

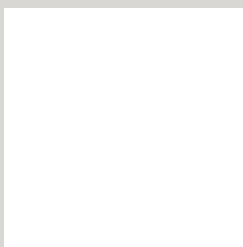
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3772, 67.9030, 71.3416

Background



This preview shows how black text looks on a background with the XYZ color 64.3772, 67.9030, 71.3416.

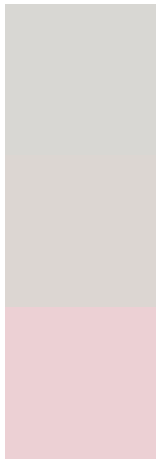


This preview shows how white text looks on a background with the XYZ color 64.3772, 67.9030,

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

64.3772, 67.9030, 71.3416

Protanopia

65.1946, 67.9619, 70.6546

Deuteranopia

69.0316, 67.6981, 71.7160



Tritanopia

66.8998, 67.8042, 83.6903

Trichromacy



Original Color

64.3772, 67.9030, 71.3416

Protanomaly

64.8928, 67.8063, 70.6405

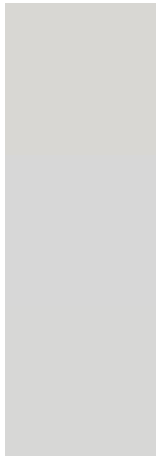
Deuteranomaly

67.4910, 68.0000, 71.8555

Tritanomaly

65.8925, 67.7679, 78.7148

Monochromacy



Original Color

64.3772, 67.9030, 71.3416

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.4624, 67.9030, 73.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3772, 67.9030, 71.3416 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(216, 215, 211) looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 211)  
}
```

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(216, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 211) }
```

Border

The CSS property to change the border of an element to XYZ 64.3772, 67.9030, 71.3416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

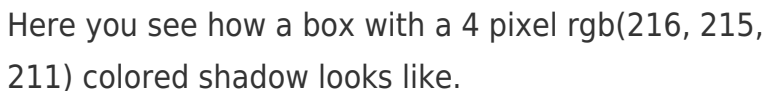
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 215, 211) }
```


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

```
.border{ border-color:rgb(216, 215, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3772, 67.9030, 71.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 211) }
```

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

```
.background{ background-color: rgb(216,  
215, 211) }
```

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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