

Converting Colors

XYZ(63.5005, 66.6409, 73.8054)

Have a look what the booklet for
XYZ(63.5005, 66.6409, 73.8054)
contains.

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Color

**XYZ(63.5006, 66.6409,
73.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D5D7
RGB	213, 213, 215
RGB Percent	84%, 84%, 84%
CMY	0.1647, 0.1647, 0.1569
CMYK	0.01, 0.01, 0.00, 0.16
HSL	240°, 2%, 84%
HSV	240°, 1%, 84%
XYZ	63.5006, 66.6409, 73.8061
YIQ	213.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

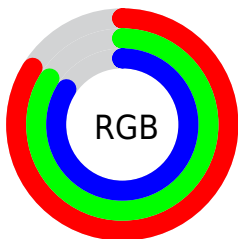
Format	Color
R _Y B	213, 213, 215
Decimal	14013911
CIE Lab	85.32, 0.37, -0.99
CIE LCh	85, 1.060, 290.338
Yxy	66.6409, 0.3114, 0.3268
Android (android.graphics.Color)	4292203991 (0xFFD5D5D7)
YUV	213.2280, 0.8736, -0.2000
Hunter-Lab	81.6339, -4.0094, 3.5390

Details

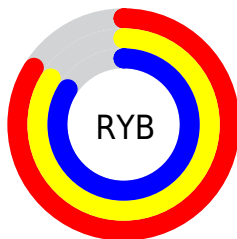
The XYZ color **63.5006, 66.6409, 73.8061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3352, 67.8514, 72.6577**, and the grayscale version is **63.3947, 66.6961, 72.6321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6726, 34.2609, 38.1487** is the 20% darker color. If you saturate the color by 10%, you get **52.6269, 53.5454, 71.8525**, and if you desaturate by 10%, it is **75.9195, 81.5975, 76.0395**.

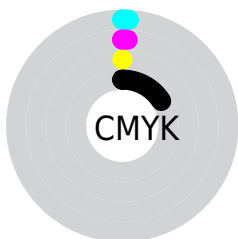
Distribution



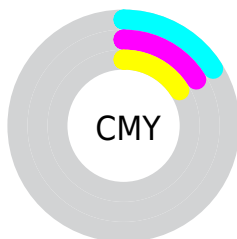
- Red (84%)
- Green (84%)
- Blue (84%)



- Red (84%)
- Yellow (84%)
- Blue (84%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5006, 66.6409, 73.8061 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 63.5006, 66.6409, 73.8061 by changing the saturation by 10% instead.

■ 63.5006, 66.6409,
73.8061

■ 63.5006, 66.6409,
73.8061

427.0148,
448.6655, 492.9494

■ 46.5065, 48.7929,
54.1395

108.9692,
114.4057, 126.3524

■ 32.8520, 34.4552,
38.3193

138.1743,
145.0913, 160.0692

■ 22.1718, 23.2435,
25.9268

172.1805,
180.8248, 199.3065

■ 14.1005, 14.7734,
16.5436

211.3531,
221.9906, 244.4829

■ 8.2728, 8.6605,
9.7512

256.0575,
268.9732, 296.0168

■ 4.3232, 4.5204,
5.1308

306.6590,

■ 1.8866, 1.9687,

322.1570, 354.3268

2.2642

363.5230,
381.9263, 419.8315

■ 0.5690, 0.5892,
0.7110

■ 0.0000, 0.0000,
0.0000

■ 63.5006, 66.6409,
73.8061

■ 63.5006, 66.6409,
73.8061

■ 52.6269, 53.5454,
71.8525

■ 75.9195, 81.5975,
76.0395

■ 43.2325, 42.2300,
70.1636

■ 89.2659, 97.6864,
78.4415

■ 35.2553, 32.6207,
68.7292

■ 28.6265, 24.6346,
67.5371

■ 23.2717, 18.1821,
66.5739

■ 19.1091, 13.1652,
65.8249

■ 16.0477, 9.4740,
65.2738

■ 13.9832, 6.9834,
64.9019

■ 12.7913, 5.5438,
64.6869

Harmonies

Analogous

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



63.2628, 66.6409, 73.8705



63.5006, 66.6409, 73.8061



63.6959, 66.6409, 73.4069

Triad

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



63.5006, 66.6409, 73.8061



63.6350, 66.6409, 71.5486



62.8866, 66.6409, 72.3392

Complementary

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



63.5006, 66.6409, 73.8061



64.3352, 67.8514, 72.6577

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.



62.9858, 66.6409, 71.7209



63.5006, 66.6409, 73.8061



63.4176, 66.6409, 71.2663

Square

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



63.5006, 66.6409, 73.8061



63.7736, 66.6409, 72.1025



63.1800, 66.6409, 71.3292



62.9087, 66.6409, 73.0206

Rectangle

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



63.5006, 66.6409, 73.8061



63.7755, 66.6409, 73.0059



63.1800, 66.6409, 71.3292



62.9069, 66.6409, 72.1171

Sweetspot

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



63.5025, 66.6438, 73.8076

95.0500, 100.0000, 108.9000



64.0035, 67.6527, 73.9534



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.



63.5025, 66.6438, 73.8076



93.3113, 97.9060, 108.5875



63.7829, 66.7871, 73.8204



13.7636, 14.4440, 16.0001



7.3394, 2.9406, 38.6339



0.4433, 0.1785, 2.3304

Inverse Universe

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



63.8303, 66.8410, 72.4915



93.8347, 98.2209, 106.4862



64.0530, 67.7072, 72.6448



13.8356, 14.4873, 15.7112



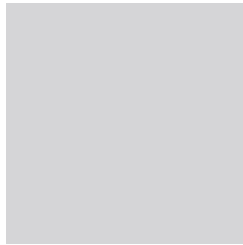
16.7635, 8.6417, 0.7925



1.0114, 0.5213, 0.0494

Previews

White Background



This preview shows how the XYZ color 63.5006, 66.6409, 73.8061 looks on a white background.

Color Contrast Check

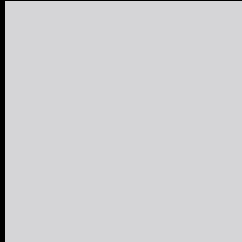
Large Text (above 18pt) WCAG AA × Fail

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 63.5006, 66.6409, 73.8061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

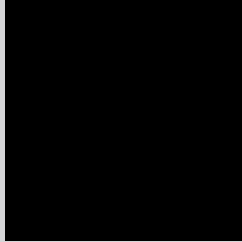
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

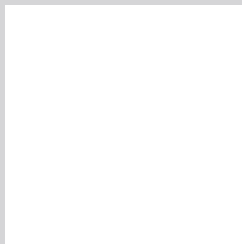
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5006, 66.6409, 73.8061

Background



This preview shows how black text looks on a background with the XYZ color 63.5006, 66.6409, 73.8061.

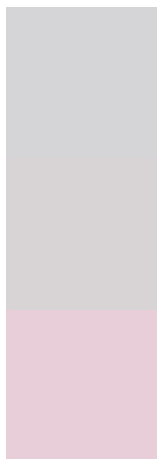


This preview shows how white text looks on a background with the XYZ color 63.5006, 66.6409,

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

63.5006, 66.6409, 73.8061

Protanopia

64.0000, 66.5409, 73.0889

Deuteranopia

67.7447, 66.2563, 74.1840



Tritanopia

65.3222, 66.6370, 82.8182

Trichromacy



Original Color

63.5006, 66.6409, 73.8061

Protanomaly

63.7054, 66.3891, 73.0751

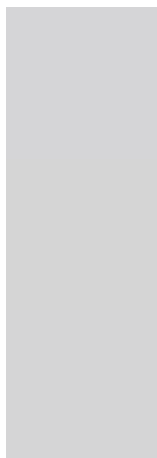
Deuteranomaly

66.2465, 66.5663, 74.3228

Tritanomaly

64.5943, 66.7108, 79.2840

Monochromacy



Original Color

63.5006, 66.6409, 73.8061

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3724, 66.5897, 73.1313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5006, 66.6409, 73.8061 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(213, 213, 215) looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 215)  
}
```

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(213, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.5006, 66.6409, 73.8061 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(213, 213, 215) }
```

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

```
.border{ border-color:rgb(213, 213, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
215) }
```


Background

The CSS property to change the background color of an element to XYZ 63.5006, 66.6409, 73.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 215) }
```

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

```
.background{ background-color: rgb(213,  
213, 215) }
```

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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