

Converting Colors

XYZ(63.8564, 66.8943, 73.6273)

Have a look what the booklet for
XYZ(63.8564, 66.8943, 73.6273)
contains.

XYZ(63.7915, 66.7909, 73.8197)	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(63.7915, 66.7909,
73.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D5D7
RGB	214, 213, 215
RGB Percent	84%, 84%, 84%
CMY	0.1608, 0.1647, 0.1569
CMYK	0.00, 0.01, 0.00, 0.16
HSL	270°, 2%, 84%
HSV	270°, 1%, 84%
XYZ	63.7915, 66.7909, 73.8197
YIQ	213.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

Format	Color
RYB	214, 213, 215
Decimal	14079447
CIELab	85.40, 0.71, -0.87
CIELCh	85, 1.124, 308.997
Yxy	66.7909, 0.3121, 0.3268
Android (android.graphics.Color)	4292269527 (0xFFD6D5D7)
YUV	213.5270, 0.7262, 0.4148
Hunter-Lab	81.7257, -3.6907, 3.6536

Details

The XYZ color **63.7915, 66.7909, 73.8197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0448, 67.7029, 72.6466**, and the grayscale version is **63.5957, 66.9076, 72.8624**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8701, 34.3627, 38.1579** is the 20% darker color. If you saturate the color by 10%, you get **55.6985, 55.1175, 71.9941**, and if you desaturate by 10%, it is **72.8131, 80.0110, 75.8970**.

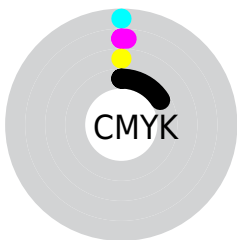
Distribution



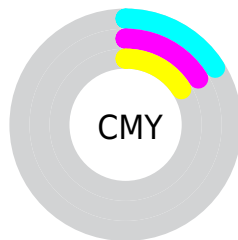
- Red (84%)
- Green (84%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7915, 66.7909, 73.8197 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 63.7915, 66.7909, 73.8197 by changing the saturation by 10% instead.

■ 63.7915, 66.7909,
73.8197

■ 63.7915, 66.7909,
73.8197

428.0505,
449.2001, 492.9976

■ 46.7429, 48.9147,
54.1506

109.3860,
114.6207, 126.3719

■ 33.0395, 34.5518,
38.3281

138.6626,
145.3432, 160.0920

■ 22.3161, 23.3179,
25.9336

172.7459,
181.1165, 199.3329

■ 14.2073, 14.8284,
16.5487

212.0013,
222.3251, 244.5131

■ 8.3476, 8.6990,
9.7547

256.7941,
269.3534, 296.0511

■ 4.3718, 4.5454,
5.1331

307.4896,

■ 1.9146, 1.9831,

322.5857, 354.3655

2.2655

364.4533,
382.4065, 419.8748

■ 0.5853, 0.5976,
0.7118

■ 0.0000, 0.0000,
0.0000

■ 63.7915, 66.7909,
73.8197

■ 63.7915, 66.7909,
73.8197

■ 55.6985, 55.1175,
71.9941

■ 72.8131, 80.0110,
75.8970

■ 48.4964, 44.9242,
70.4061

■ 82.4664, 94.1811,
78.1233

■ 42.1532, 36.1521,
69.0473

■ 86.1421, 96.0760,
78.2953

■ 36.6327, 28.7350,
67.9066

■ 89.2659, 97.6864,
78.4415

■ 31.8958, 22.6014,
66.9724

■ 27.8999, 17.6727,
66.2316

■ 24.5979, 13.8618,
65.6701

■ 21.9363, 11.0690,
65.2713

■ 19.8522, 9.1757,
65.0157

Harmonies

Analogous

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



63.5594, 66.7909, 74.1184



63.7915, 66.7909, 73.8197



63.9412, 66.7909, 73.2279

Triad

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



63.7915, 66.7909, 73.8197



63.6585, 66.7909, 71.4221



63.0001, 66.7909, 72.9435

Complementary

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



63.7915, 66.7909, 73.8197



64.0448, 67.7029, 72.6466

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.



63.0265, 66.7909, 72.2223



63.7915, 66.7909, 73.8197



63.4062, 66.7909, 71.3471

Square

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



63.7915, 66.7909, 73.8197



63.8642, 66.7909, 71.8447



63.1750, 66.7909, 71.6391



63.1028, 66.7909, 73.6103

Rectangle

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



63.7915, 66.7909, 73.8197



63.9738, 66.7909, 72.7485



63.1750, 66.7909, 71.6391



62.9942, 66.7909, 72.6994

Sweetspot

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



63.7934, 66.7938, 73.8212

95.0500, 100.0000, 108.9000



63.7638, 67.1649, 73.8944



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.



63.7934, 66.7938, 73.8212



93.7735, 98.1423, 108.6087



64.0764, 66.9397, 73.8344



13.8272, 14.4765, 16.0030



11.1064, 4.8781, 38.8093



0.7653, 0.3434, 2.3453

Inverse Universe

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



63.9585, 66.8936, 73.1626



94.0377, 98.3021, 107.5551



63.7634, 67.5578, 72.6334



13.8635, 14.4985, 15.8582



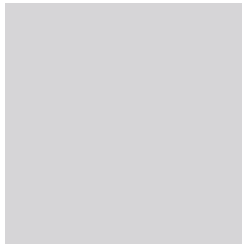
18.4251, 9.3064, 9.5428



1.1531, 0.5780, 0.7956

Previews

White Background



This preview shows how the XYZ color 63.7915, 66.7909, 73.8197 looks on a white background.

Color Contrast Check

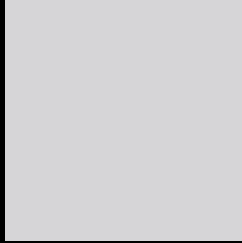
Large Text (above 18pt) WCAG AA × Fail

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 63.7915, 66.7909, 73.8197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

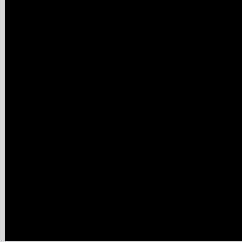
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

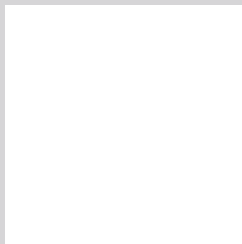
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7915, 66.7909, 73.8197

Background



This preview shows how black text looks on a background with the XYZ color 63.7915, 66.7909, 73.8197.

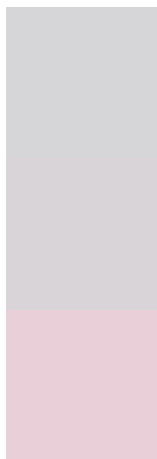


This preview shows how white text looks on a background with the XYZ color 63.7915, 66.7909,

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

63.7915, 66.7909, 73.8197

Protanopia

64.4245, 66.7450, 73.7775

Deuteranopia

67.9862, 66.7393, 74.2645



Tritanopia

65.6168, 66.7889, 82.8320

Trichromacy



Original Color

63.7915, 66.7909, 73.8197

Protanomaly

64.1281, 66.5922, 73.7636

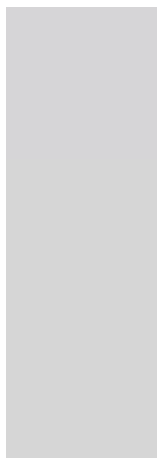
Deuteranomaly

66.2465, 66.5663, 74.3228

Tritanomaly

64.8871, 66.8618, 79.2977

Monochromacy



Original Color

63.7915, 66.7909, 73.8197

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.9157, 67.2443, 73.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7915, 66.7909, 73.8197 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(214, 213, 215) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.7915, 66.7909, 73.8197 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(214, 213, 215) }
```

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

```
.border{ border-color:rgb(214, 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(214, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
215) }
```


Background

The CSS property to change the background color of an element to XYZ 63.7915, 66.7909, 73.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 215) }
```

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

```
.background{ background-color: rgb(214,  
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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