

Converting Colors

XYZ(63.7508, 66.0425, 73.0058)

Have a look what the booklet for
XYZ(63.7508, 66.0425, 73.0058)
contains.

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Color

**XYZ(63.7508, 66.0425,
73.0058)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D3D6
RGB	216, 211, 214
RGB Percent	85%, 83%, 84%
CMY	0.1529, 0.1725, 0.1608
CMYK	0.00, 0.02, 0.01, 0.15
HSL	324°, 6%, 84%
HSV	324°, 2%, 85%
XYZ	63.7508, 66.0425, 73.0058
YIQ	212.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

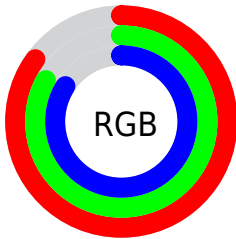
Format	Color
RYB	216, 211, 214
Decimal	14210006
CIELab	85.02, 2.25, -0.88
CIELCh	85, 2.419, 338.642
Yxy	66.0425, 0.3144, 0.3257
Android (android.graphics.Color)	4292400086 (0xFFD8D3D6)
YUV	212.8370, 0.5734, 2.7740
Hunter-Lab	81.2665, -2.1893, 3.6234

Details

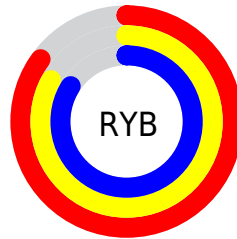
The XYZ color **63.7508, 66.0425, 73.0058** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4326, 67.7665, 72.6912**, and the grayscale version is **63.1339, 66.4218, 72.3333**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0129, 34.1942, 37.6611** is the 20% darker color. If you saturate the color by 10%, you get **57.6666, 55.5938, 65.6740**, and if you desaturate by 10%, it is **70.6185, 77.9625, 80.8896**.

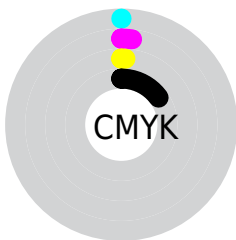
Distribution



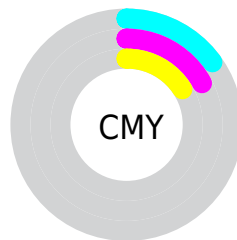
- Red (85%)
- Green (83%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7508, 66.0425, 73.0058 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 63.7508, 66.0425, 73.0058 by changing the saturation by 10% instead.

■ 63.7508, 66.0425,
73.0058

■ 63.7508, 66.0425,
73.0058

427.9057,
446.5289, 490.1062

■ 46.7098, 48.3069,
53.4889

109.3277,
113.5473, 125.2064

■ 33.0133, 34.0700,
37.8028

138.5943,
144.0854, 158.7272

■ 22.2959, 22.9474,
25.5290

172.6669,
179.6596, 197.7530

■ 14.1923, 14.5547,
16.2490

211.9107,
220.6546, 242.7024

■ 8.3371, 8.5074,
9.5443

256.6911,
267.4546, 293.9938

■ 4.3650, 4.4213,
4.9962

307.3735,

■ 1.9106, 1.9119,

320.4440, 352.0459

2.1864

364.3232,
380.0073, 417.2772

■ 0.5830, 0.5555,
0.6665

■ 0.0000, 0.0000,
0.0000

■ 63.7508, 66.0425,
73.0058

■ 63.7508, 66.0425,
73.0058

■ 57.6666, 55.5938,
65.6740

■ 70.6185, 77.9625,
80.8896

■ 52.3307, 46.5503,
58.8756

■ 78.2918, 91.3994,
89.3348

■ 47.7137, 38.8536,
52.5970

■ 79.7987, 92.4069,
96.0222

■ 43.7818, 32.4380,
46.8224

■ 81.1138, 92.9330,
102.9477

■ 40.4988, 27.2320,
41.5349

■ 82.1294, 93.3392,
108.2953

■ 37.8245, 23.1573,
36.7163

■ 35.7142, 20.1261,
32.3464

■ 34.1168, 18.0376,
28.4032

■ 32.9708, 16.7707,
24.8607

Harmonies

Analogous

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



63.4270, 66.0425, 74.2748



63.7508, 66.0425, 73.0058



63.8114, 66.0425, 71.4598

Triad

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



63.7508, 66.0425, 73.0058



62.6144, 66.0425, 68.9874



61.9578, 66.0425, 73.7963

Complementary

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



63.7508, 66.0425, 73.0058



63.4326, 67.7665, 72.6912

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.



61.7428, 66.0425, 72.3602



63.7508, 66.0425, 73.0058



62.1204, 66.0425, 69.5941

Square

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



63.7508, 66.0425, 73.0058



63.1532, 66.0425, 69.1546



61.8021, 66.0425, 70.8233



62.3912, 66.0425, 74.7357

Rectangle

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



63.7508, 66.0425, 73.0058



63.6941, 66.0425, 70.4824



61.8021, 66.0425, 70.8233



61.8577, 66.0425, 73.3548

Sweetspot

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



63.7527, 66.0453, 73.0072



94.0780, 98.3182, 107.7674



63.1320, 65.6957, 74.3199



20.1468, 21.0619, 23.0786



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.



63.7527, 66.0453, 73.0072



92.1687, 95.0201, 105.5267



63.4362, 65.9187, 71.3404



13.4771, 13.8238, 15.4266



19.1831, 9.6096, 13.5342



1.1974, 0.5958, 1.0290

Inverse Universe

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



63.7527, 66.0453, 73.0072



92.1687, 95.0201, 105.5267



63.7520, 67.8943, 74.3734



13.4771, 13.8238, 15.4266



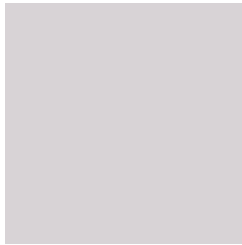
19.1831, 9.6096, 13.5342



1.1974, 0.5958, 1.0290

Previews

White Background



This preview shows how the XYZ color 63.7508, 66.0425, 73.0058 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 63.7508, 66.0425, 73.0058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

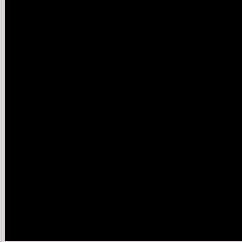
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

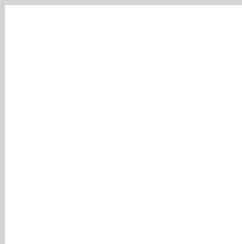
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7508, 66.0425, 73.0058

Background



This preview shows how black text looks on a background with the XYZ color 63.7508, 66.0425, 73.0058.

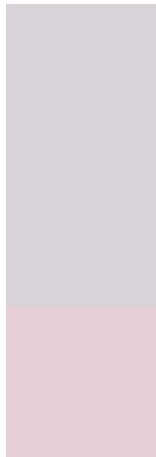


This preview shows how white text looks on a background with the XYZ color 63.7508, 66.0425,

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

63.7508, 66.0425, 73.0058

Protanopia

63.4562, 65.8906, 72.9920

Deuteranopia

67.2920, 66.0378, 73.4899



Tritanopia

65.4414, 65.9973, 81.2411

Trichromacy



Original Color

63.7508, 66.0425, 73.0058

Protanomaly

63.4562, 65.8906, 72.9920

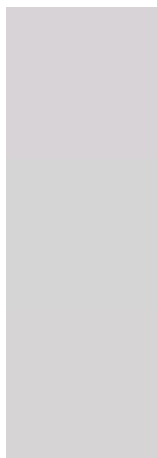
Deuteranomaly

66.1856, 66.1868, 73.5769

Tritanomaly

64.8467, 66.1188, 78.4517

Monochromacy



Original Color

63.7508, 66.0425, 73.0058

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2853, 66.1872, 72.3907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7508, 66.0425, 73.0058 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, 211, 214) looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 214) }
```

Border

The CSS property to change the border of an element to XYZ 63.7508, 66.0425, 73.0058 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, 211, 214) }
```


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

```
.border{ border-color:rgb(216, 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(216, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7508, 66.0425, 73.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 214) }
```

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

```
.background{ background-color: rgb(216,  
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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