

Converting Colors

XYZ(63.1098, 66.4113, 73.3801)

Have a look what the booklet for
XYZ(63.1098, 66.4113, 73.3801)
contains.

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Color

**XYZ(63.0832, 66.4406,
73.1178)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D5D6
RGB	212, 213, 214
RGB Percent	83%, 84%, 84%
CMY	0.1686, 0.1647, 0.1608
CMYK	0.01, 0.00, 0.00, 0.16
HSL	210°, 2%, 84%
HSV	210°, 1%, 84%
XYZ	63.0832, 66.4406, 73.1178
YIQ	212.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

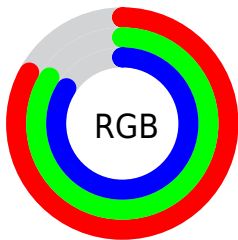
Format	Color
R _Y B	212, 213, 214
Decimal	13948374
CIE Lab	85.22, -0.15, -0.62
CIE LCh	85, 0.640, 256.127
Yxy	66.4406, 0.3113, 0.3279
Android (android.graphics.Color)	4292138454 (0xFFD4D5D6)
YUV	212.8150, 0.5842, -0.7148
Hunter-Lab	81.5111, -4.4994, 3.8729

Details

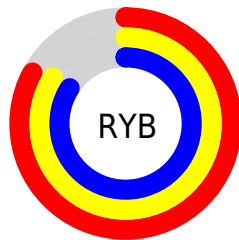
The XYZ color **63.0832, 66.4406, 73.1178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4095, 66.6372, 71.8084**, and the grayscale version is **63.1205, 66.4077, 72.3180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3895, 34.1250, 37.6806** is the 20% darker color. If you saturate the color by 10%, you get **54.7251, 58.2831, 71.9848**, and if you desaturate by 10%, it is **72.4390, 75.3778, 74.3508**.

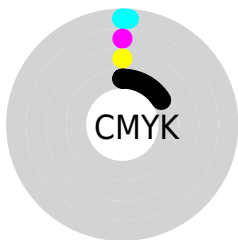
Distribution



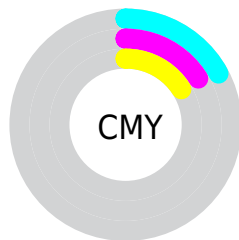
- Red (83%)
- Green (84%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0832, 66.4406, 73.1178 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 63.0832, 66.4406, 73.1178 by changing the saturation by 10% instead.

■ 63.0832, 66.4406,
73.1178

■ 63.0832, 66.4406,
73.1178

425.5262,
447.9510, 490.5047

■ 46.1674, 48.6302,
53.5799

108.3707,
114.1185, 125.3669

■ 32.5831, 34.3262,
37.8750

137.4731,
144.7547, 158.9152

■ 21.9650, 23.1443,
25.5846

171.3684,
180.4350, 197.9706

■ 13.9476, 14.7001,
16.2902

210.4220,
221.5437, 242.9518

■ 8.1657, 8.6092,
9.5731

254.9992,
268.4653, 294.2773

■ 4.2539, 4.4872,
5.0150

305.4654,

■ 1.8467, 1.9496,

321.5841, 352.3655

2.1972

362.1860,
381.2845, 417.6352

■ 0.5456, 0.5780,
0.6727

■ 0.0000, 0.0000,
0.0000

■ 63.0832, 66.4406,
73.1178

■ 63.0832, 66.4406,
73.1178

■ 54.7251, 58.2831,
71.9848

■ 72.4390, 75.3778,
74.3508

■ 47.3238, 50.8737,
70.9447

■ 82.8202, 85.1083,
75.6818

■ 40.8436, 44.1906,
69.9963

■ 86.0256, 91.4107,
76.7293

■ 35.2446, 38.2080,
69.1366

■ 89.1378, 97.6351,
77.7667

■ 30.4834, 32.8981,
68.3627

■ 26.5130, 28.2310,
67.6711

■ 23.2809, 24.1737,
67.0583

■ 20.7278, 20.6894,
66.5203

■ 18.7832, 17.7357,
66.0527

Harmonies

Analogous

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



62.9574, 66.4406, 72.9177



63.0832, 66.4406, 73.1178



63.2270, 66.4406, 73.1096

Triad

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



63.0832, 66.4406, 73.1178



63.4171, 66.4406, 72.1217



62.9497, 66.4406, 71.7924

Complementary

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



63.0832, 66.4406, 73.1178



63.4095, 66.6372, 71.8084

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.



63.0727, 66.4406, 71.5808



63.0832, 66.4406, 73.1178



63.3426, 66.4406, 71.7704

Square

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



63.0832, 66.4406, 73.1178



63.4199, 66.4406, 72.5335



63.2164, 66.4406, 71.5727



62.8804, 66.4406, 72.1519

Rectangle

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



63.0832, 66.4406, 73.1178



63.3138, 66.4406, 72.9872



63.2164, 66.4406, 71.5727



62.9861, 66.4406, 71.7017

Sweetspot

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



63.0851, 66.4434, 73.1193

95.0500, 100.0000, 108.9000



63.2049, 66.8936, 72.5100



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.



63.0851, 66.4434, 73.1193



93.7142, 98.7118, 108.7218



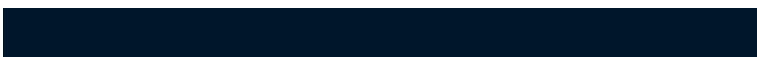
62.8417, 65.9566, 73.0381



13.8190, 14.5548, 16.0185



10.6439, 9.5496, 39.7354



0.7248, 0.7416, 2.4242

Inverse Universe

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



63.2867, 66.1883, 72.3943



94.0380, 98.3022, 107.5571



63.6543, 67.1269, 71.8901



13.8635, 14.4985, 15.8584



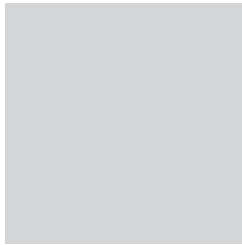
18.4314, 9.3089, 9.5759



1.1535, 0.5782, 0.7976

Previews

White Background



This preview shows how the XYZ color 63.0832, 66.4406, 73.1178 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 63.0832, 66.4406, 73.1178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

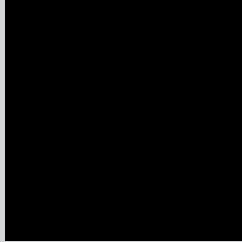
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

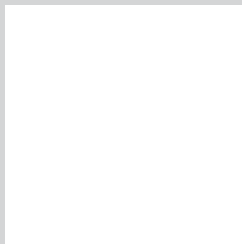
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0832, 66.4406, 73.1178

Background



This preview shows how black text looks on a background with the XYZ color 63.0832, 66.4406, 73.1178.

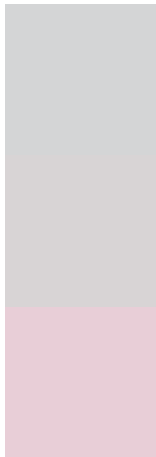


This preview shows how white text looks on a background with the XYZ color 63.0832, 66.4406,

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

63.0832, 66.4406, 73.1178

Protanopia

63.8726, 66.4900, 72.4182

Deuteranopia

67.6158, 66.2047, 73.5050



Tritanopia

65.0294, 66.4861, 82.8045

Trichromacy



Original Color

63.0832, 66.4406, 73.1178

Protanomaly

63.5781, 66.3381, 72.4044

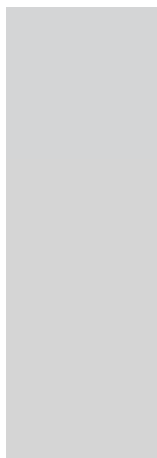
Deuteranomaly

66.1175, 66.5148, 73.6438

Tritanomaly

64.3033, 66.5608, 79.2704

Monochromacy



Original Color

63.0832, 66.4406, 73.1178

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2451, 66.5387, 72.4607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0832, 66.4406, 73.1178 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(212, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 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(212, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 63.0832, 66.4406, 73.1178 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(212, 213, 214) }
```

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

```
.border{ border-color:rgb(212, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
214) }
```


Background

The CSS property to change the background color of an element to XYZ 63.0832, 66.4406, 73.1178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 214) }
```

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

```
.background{ background-color: rgb(212,  
213, 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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