

Converting Colors

XYZ(60.7593, 64.4056, 66.5658)

Have a look what the booklet for
XYZ(60.7593, 64.4056, 66.5658)
contains.

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Color

**XYZ(60.5240, 64.1545,
66.3198)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D2CC
RGB	210, 210, 204
RGB Percent	82%, 82%, 80%
CMY	0.1765, 0.1765, 0.2000
CMYK	0.00, 0.00, 0.03, 0.18
HSL	60°, 6%, 81%
HSV	60°, 3%, 82%
XYZ	60.5240, 64.1545, 66.3198
YIQ	209.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

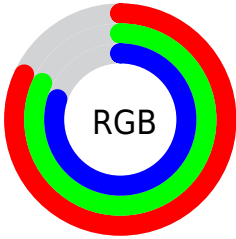
Format	Color
RYB	204, 210, 204
Decimal	13816524
CIELab	84.05, -1.07, 2.96
CIELCh	84, 3.147, 109.887
Yxy	64.1545, 0.3169, 0.3359
Android (android.graphics.Color)	4292006604 (0xFFD2D2CC)
YUV	209.3160, -2.6208, 0.5999
Hunter-Lab	80.0965, -5.2874, 6.9755

Details

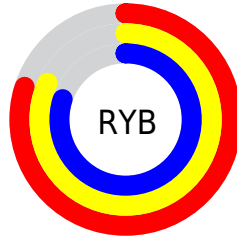
The XYZ color **60.5240, 64.1545, 66.3198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1301, 60.6780, 69.6244**, and the grayscale version is **60.8279, 63.9957, 69.6913**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1038, 33.0469, 33.5935** is the 20% darker color. If you saturate the color by 10%, you get **58.1698, 63.2144, 53.9360**, and if you desaturate by 10%, it is **63.2215, 65.2360, 80.4953**.

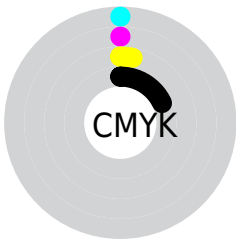
Distribution



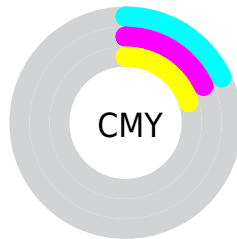
- Red (82%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5240, 64.1545, 66.3198 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 60.5240, 64.1545, 66.3198 by changing the saturation by 10% instead.

■ 60.5240, 64.1545,
66.3198

■ 60.5240, 64.1545,
66.3198

416.3304,
439.7474, 465.9551

■ 44.0922, 46.7758,
48.0739

104.6914,
110.8334, 115.5766

■ 30.9412, 32.8585,
33.5250

133.1578,
140.9024, 147.4246

■ 20.7057, 22.0180,
22.2546

166.3664,
175.9704, 184.6437

■ 13.0203, 13.8702,
13.8440

204.6826,
216.4216, 227.6525

■ 7.5196, 8.0304,
7.8747

248.4717,
262.6405, 276.8695

■ 3.8383, 4.1144,
3.9283

298.0992,

■ 1.6111, 1.7378,

315.0115, 332.7132

1.5861

353.9303,
373.9190, 395.6023

■ 0.3996, 0.4479,
0.2808

■ 0.0000, 0.0000,
0.0000

■ 60.5240, 64.1545,
66.3198

■ 60.5240, 64.1545,
66.3198

■ 58.1698, 63.2144,
53.9360

■ 63.2215, 65.2360,
80.4953

■ 56.1399, 62.4020,
43.2685

■ 66.2697, 66.4558,
96.5252

■ 54.4219, 61.7143,
34.2430

■ 67.6889, 67.0239,
103.9771

■ 53.0002, 61.1451,
26.7779

■ 67.6930, 67.0261,
103.9773

■ 51.8580, 60.6878,
20.7848

■ 67.6971, 67.0282,
103.9775

■ 50.9769, 60.3349,
16.1664

■ 67.7013, 67.0303,
103.9776

■ 50.3362, 60.0781,
12.8138

■ 67.7054, 67.0324,
103.9778

■ 49.9120, 59.9080,
10.6016

■ 67.7095, 67.0346,
103.9780

■ 49.6757, 59.8130,
9.3787

■ 67.7136, 67.0367,
103.9782

Harmonies

Analogous

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



61.2116, 64.1545, 66.1571



60.5240, 64.1545, 66.3198



59.9618, 64.1545, 67.4191

Triad

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



60.5240, 64.1545, 66.3198



60.1209, 64.1545, 72.8179



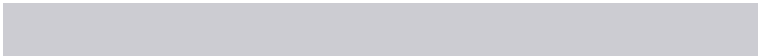
62.3005, 64.1545, 70.5268

Complementary

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



60.5240, 64.1545, 66.3198



58.1301, 60.6780, 69.6244

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.



62.0035, 64.1545, 72.3455



60.5240, 64.1545, 66.3198



60.7428, 64.1545, 73.6848

Square

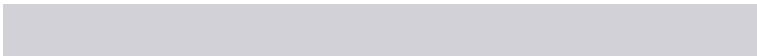
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5240, 64.1545, 66.3198



59.7303, 64.1545, 71.1618



61.4321, 64.1545, 73.5102



62.2408, 64.1545, 68.5610

Rectangle

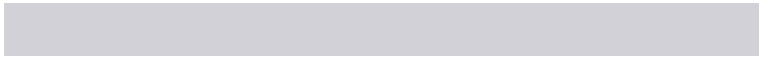
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5240, 64.1545, 66.3198



59.7321, 64.1545, 68.5470



61.4321, 64.1545, 73.5102



62.2390, 64.1545, 71.1762

Sweetspot

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



60.5258, 64.1573, 66.3212



94.6415, 99.8365, 106.7520



59.0723, 61.2485, 65.8364



20.2615, 21.3708, 22.8720



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.



60.5258, 64.1573, 66.3212



93.8406, 99.5160, 102.5417



59.6802, 63.7214, 66.2816



13.0966, 13.9149, 14.1458



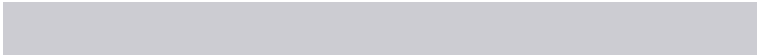
30.2458, 36.4612, 5.4436



1.6914, 2.0388, 0.3044

Inverse Universe

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



58.1301, 60.6780, 69.6244



89.9011, 93.7946, 107.9736



58.9598, 61.1057, 69.6632



12.4159, 12.9263, 15.0843



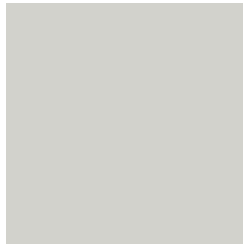
7.0973, 2.8391, 37.3664



0.3971, 0.1589, 2.0893

Previews

White Background



This preview shows how the XYZ color 60.5240, 64.1545, 66.3198 looks on a white background.

Color Contrast Check

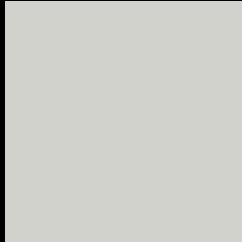
Large Text (above 18pt) WCAG AA × Fail

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 60.5240, 64.1545, 66.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

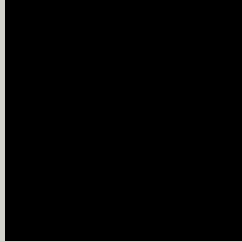
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

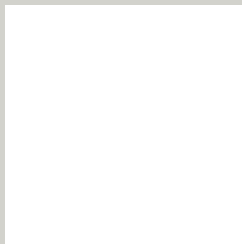
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5240, 64.1545, 66.3198

Background



This preview shows how black text looks on a background with the XYZ color 60.5240, 64.1545, 66.3198.

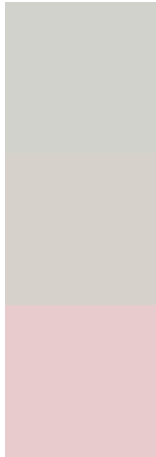


This preview shows how white text looks on a background with the XYZ color 60.5240, 64.1545,

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

60.5240, 64.1545, 66.3198

Protanopia

61.6043, 64.3598, 65.6757

Deuteranopia

65.3304, 64.1086, 66.6885



Tritanopia

63.0727, 64.0995, 78.8602

Trichromacy



Original Color

60.5240, 64.1545, 66.3198

Protanomaly

61.0205, 64.0589, 65.6484

Deuteranomaly

63.5222, 64.2384, 66.8089

Tritanomaly

62.1019, 64.0667, 74.0587

Monochromacy



Original Color

60.5240, 64.1545, 66.3198

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3574, 63.6612, 68.1382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5240, 64.1545, 66.3198 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(210, 210, 204) looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 204)  
}
```

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(210, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.5240, 64.1545, 66.3198 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(210, 210, 204) }
```


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

```
.border{ border-color:rgb(210, 210, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5240, 64.1545, 66.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 204) }
```

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

```
.background{ background-color: rgb(210,  
210, 204) }
```

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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