

Converting Colors

XYZ(59.9171, 62.2317, 65.9838)

Have a look what the booklet for
XYZ(59.9171, 62.2317, 65.9838)
contains.

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Color

**XYZ(60.1218, 62.4993,
66.0216)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CECC
RGB	212, 206, 204
RGB Percent	83%, 81%, 80%
CMY	0.1686, 0.1921, 0.2000
CMYK	0.00, 0.03, 0.04, 0.17
HSL	15°, 9%, 82%
HSV	15°, 4%, 83%
XYZ	60.1218, 62.4993, 66.0216
YIQ	207.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

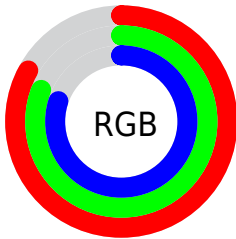
Format	Color
R _Y B	212, 207, 204
Decimal	13946572
CIE Lab	83.18, 1.72, 1.72
CIE LCh	83, 2.427, 45.024
Yxy	62.4993, 0.3187, 0.3313
Android (android.graphics.Color)	4292136652 (0xFFD4CECC)
YUV	207.5660, -1.7580, 3.8886
Hunter-Lab	79.0565, -2.6011, 5.8253

Details

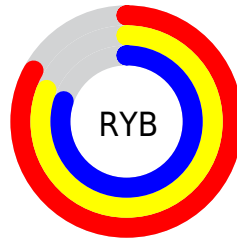
The XYZ color **60.1218, 62.4993, 66.0216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8321, 63.6832, 71.4268**, and the grayscale version is **59.6839, 62.7921, 68.3807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6379, 31.8266, 33.3825** is the 20% darker color. If you saturate the color by 10%, you get **54.1166, 54.2844, 52.3171**, and if you desaturate by 10%, it is **66.8635, 71.6317, 81.6807**.

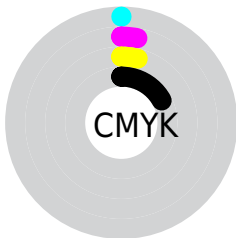
Distribution



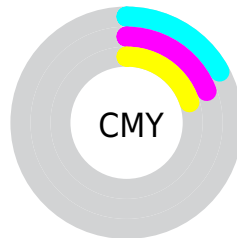
- Red (83%)
- Green (81%)
- Blue (80%)



- Red (83%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1218, 62.4993, 66.0216 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 60.1218, 62.4993, 66.0216 by changing the saturation by 10% instead.

■ 60.1218, 62.4993,
66.0216

■ 60.1218, 62.4993,
66.0216

414.8741,
433.7500, 464.8605

■ 43.7667, 45.4363,
47.8333

104.1117,
108.4468, 115.1446

■ 30.6842, 31.8012,
33.3359

132.4771,
138.1001, 146.9165

■ 20.5092, 21.2097,
22.1107

165.5767,
172.7190, 184.0533

■ 12.8761, 13.2774,
13.7391

203.7758,
212.6877, 226.9736

■ 7.4197, 7.6198,
7.8028

247.4397,
258.3908, 276.0959

■ 3.7746, 3.8527,
3.8831

296.9338,

■ 1.5754, 1.5915,

310.2126, 331.8388

1.5614

352.6235,
368.5376, 394.6208

■ 0.3763, 0.3519,
0.2631

■ 0.0000, 0.0000,
0.0000

■ 60.1218, 62.4993,
66.0216

■ 60.1218, 62.4993,
66.0216

■ 54.1166, 54.2844,
52.3171

■ 66.8635, 71.6317,
81.6807

■ 48.8173, 46.9504,
40.4863

■ 74.3604, 81.7005,
99.3630

■ 44.1988, 40.4701,
30.4483

■ 80.5411, 91.8959,
108.1005

■ 40.2326, 34.8120,
22.1150

■ 80.9618, 92.7372,
108.2407

■ 36.8881, 29.9424,
15.3907

■ 34.1319, 25.8254,
10.1702

■ 31.9274, 22.4221,
6.3355

■ 30.2337, 19.6898,
3.7509

■ 29.0026, 17.5807,
2.2524

Harmonies

Analogous

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



60.3864, 62.4993, 67.3027



60.1218, 62.4993, 66.0216



59.6656, 62.4993, 65.2898

Triad

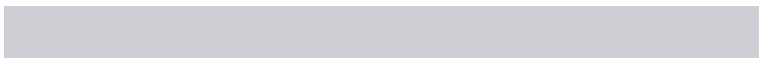
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.1218, 62.4993, 66.0216



58.4315, 62.4993, 67.3050



59.6664, 62.4993, 70.8886

Complementary

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



60.1218, 62.4993, 66.0216



59.8321, 63.6832, 71.4268

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.



59.1426, 62.4993, 70.8892



60.1218, 62.4993, 66.0216



58.4318, 62.4993, 68.8051

Square

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



60.1218, 62.4993, 66.0216



58.6908, 62.4993, 66.0233



58.6914, 62.4993, 70.1218



60.1224, 62.4993, 70.1201

Rectangle

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



60.1218, 62.4993, 66.0216



59.3151, 62.4993, 65.2049



58.6914, 62.4993, 70.1218



59.4924, 62.4993, 70.9790

Sweetspot

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



60.1236, 62.5020, 66.0230



94.0354, 98.6234, 106.5498



60.3780, 61.8369, 69.7271



20.1381, 21.1240, 22.8308



0.0000, 0.0000, 0.0000



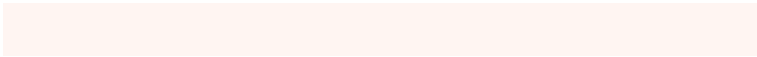
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.1236, 62.5020, 66.0230



90.0913, 93.2592, 97.4539



61.0980, 64.4508, 66.3478



13.1877, 13.6237, 14.1629



17.6182, 10.3535, 1.0699



1.1290, 0.7573, 0.0867

Inverse Universe

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



59.8321, 63.6832, 71.4268



89.5036, 95.6410, 108.3510



58.8578, 61.7345, 71.1020



13.0912, 14.0150, 15.9527



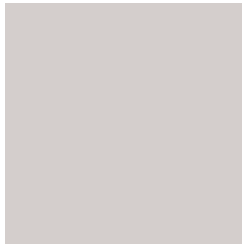
15.0635, 18.3888, 41.2086



0.9724, 1.2368, 2.5068

Previews

White Background



This preview shows how the XYZ color 60.1218, 62.4993, 66.0216 looks on a white background.

Color Contrast Check

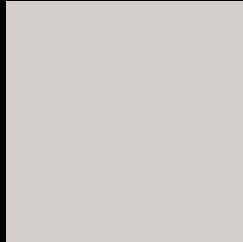
Large Text (above 18pt) WCAG AA × Fail

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 60.1218, 62.4993, 66.0216 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

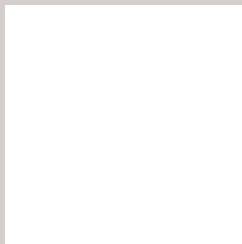
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1218, 62.4993, 66.0216

Background



This preview shows how black text looks on a background with the XYZ color 60.1218, 62.4993, 66.0216.

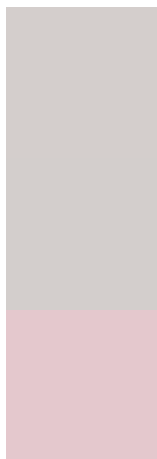


This preview shows how white text looks on a background with the XYZ color 60.1218, 62.4993,

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

60.1218, 62.4993, 66.0216

Protanopia

59.8344, 62.3511, 66.0081

Deuteranopia

63.6686, 62.2103, 66.4097



Tritanopia

62.2427, 62.6492, 76.5221

Trichromacy



Original Color

60.1218, 62.4993, 66.0216

Protanomaly

59.8344, 62.3511, 66.0081

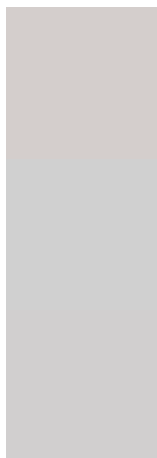
Deuteranomaly

62.2642, 62.1784, 66.4776

Tritanomaly

61.4095, 62.6638, 72.4770

Monochromacy



Original Color

60.1218, 62.4993, 66.0216

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8698, 62.6860, 67.9756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1218, 62.4993, 66.0216 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, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 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(212, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.1218, 62.4993, 66.0216 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, 206, 204) }
```


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

```
.border{ border-color:rgb(212, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(212, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1218, 62.4993, 66.0216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 204) }
```

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

```
.background{ background-color: rgb(212,  
206, 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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