

Converting Colors

XYZ(62.9698, 66.0114, 67.5210)

Have a look what the booklet for
XYZ(62.9698, 66.0114, 67.5210)
contains.

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Color

**XYZ(63.0030, 66.1421,
67.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D4CE
RGB	216, 212, 206
RGB Percent	85%, 83%, 81%
CMY	0.1529, 0.1686, 0.1922
CMYK	0.00, 0.02, 0.05, 0.15
HSL	36°, 11%, 83%
HSV	36°, 5%, 85%
XYZ	63.0030, 66.1421, 67.8386
YIQ	212.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

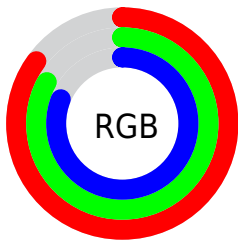
Format	Color
R_{YB}	213, 216, 206
Decimal	14210254
CIE Lab	85.07, 0.32, 3.44
CIE LCh	85, 3.452, 84.748
Yxy	66.1421, 0.3198, 0.3358
Android (android.graphics.Color)	4292400334 (0xFFD8D4CE)
YUV	212.5120, -3.2104, 3.0590
Hunter-Lab	81.3278, -4.0433, 7.4734

Details

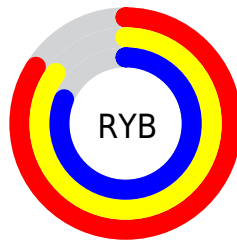
The XYZ color **63.0030, 66.1421, 67.8386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8949, 64.1721, 74.1437**, and the grayscale version is **62.9403, 66.2181, 72.1116**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4224, 33.9580, 34.5515** is the 20% darker color. If you saturate the color by 10%, you get **58.4573, 60.9649, 54.2547**, and if you desaturate by 10%, it is **68.0285, 71.7001, 83.3632**.

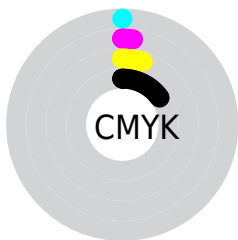
Distribution



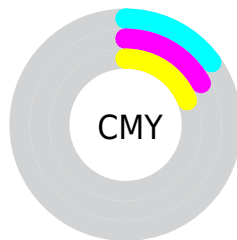
- Red (85%)
- Green (83%)
- Blue (81%)



- Red (84%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0030, 66.1421, 67.8386 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 63.0030, 66.1421, 67.8386 by changing the saturation by 10% instead.

■ 63.0030, 66.1421,
67.8386

■ 63.0030, 66.1421,
67.8386

425.2399,
446.8849, 471.5065

■ 46.1023, 48.3878,
49.3006

108.2556,
113.6903, 117.7732

■ 32.5315, 34.1341,
34.4907

137.3383,
144.2529, 150.0069

■ 21.9253, 22.9966,
22.9904

171.2122,
179.8537, 187.6430

■ 13.9183, 14.5910,
14.3812

210.2429,
220.8771, 231.0998

■ 8.1452, 8.5329,
8.2445

254.7957,
267.7076, 280.7960

■ 4.2406, 4.4378,
4.1618

305.2358,

■ 1.8391, 1.9213,

320.7294, 337.1502

1.7145

361.9288,
380.3271, 400.5808

■ 0.5411, 0.5612,
0.3706

■ 0.0000, 0.0000,
0.0000

■ 63.0030, 66.1421,
67.8386

■ 63.0030, 66.1421,
67.8386

■ 58.4573, 60.9649,
54.2547

■ 68.0285, 71.7001,
83.3632

■ 54.3694, 56.1505,
42.5296

■ 73.5437, 77.6392,
100.8974

■ 50.7238, 51.6918,
32.5819

■ 76.9153, 82.9110,
106.5573

■ 47.5017, 47.5783,
24.3225

■ 79.4877, 88.0560,
107.4148

■ 44.6829, 43.7989,
17.6545

■ 82.1293, 93.3391,
108.2953

■ 42.2454, 40.3417,
12.4709

■ 40.1643, 37.1933,
8.6516

■ 38.4112, 34.3392,
6.0572

■ 36.9520, 31.7622,
4.5183

Harmonies

Analogous

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



63.7327, 66.1421, 68.5783



63.0030, 66.1421, 67.8386



62.2425, 66.1421, 68.1997

Triad

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



63.0030, 66.1421, 67.8386



61.5185, 66.1421, 73.8243



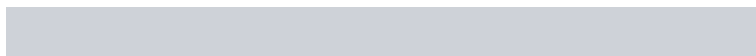
64.0945, 66.1421, 74.5164

Complementary

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



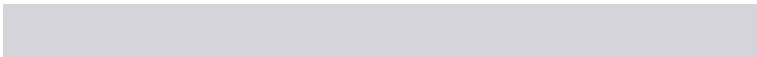
63.0030, 66.1421, 67.8386



60.8949, 64.1721, 74.1437

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.



63.4938, 66.1421, 75.9752



63.0030, 66.1421, 67.8386



62.0074, 66.1421, 75.5698

Square

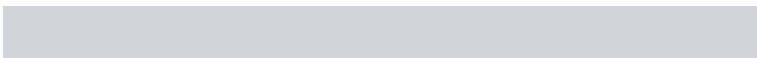
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0030, 66.1421, 67.8386



61.3895, 66.1421, 71.6264



62.7294, 66.1421, 76.3646



64.3662, 66.1421, 72.4101

Rectangle

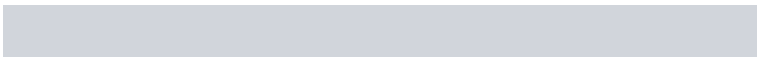
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



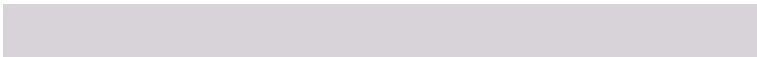
63.0030, 66.1421, 67.8386



61.8198, 66.1421, 69.0201



62.7294, 66.1421, 76.3646



63.9241, 66.1421, 75.1005

Sweetspot

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



63.0048, 66.1450, 67.8400



94.3179, 99.1884, 106.6440



62.0240, 63.3957, 69.9413



20.1956, 21.2390, 22.8500



0.0000, 0.0000, 0.0000



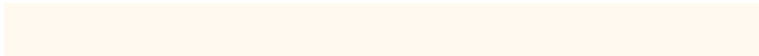
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0048, 66.1450, 67.8400



90.7640, 95.2141, 95.7990



63.7218, 68.0161, 68.1634



13.3173, 13.9660, 13.9499



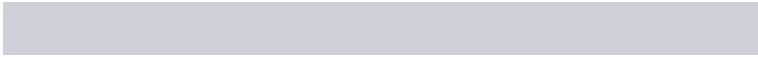
21.5697, 18.2567, 2.3870



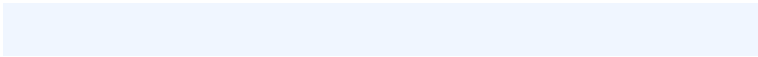
1.3810, 1.2611, 0.1706

Inverse Universe

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



60.8949, 64.1721, 74.1437



86.7828, 91.4915, 107.6934



60.1991, 62.3669, 73.8319



12.6813, 13.3713, 15.8501



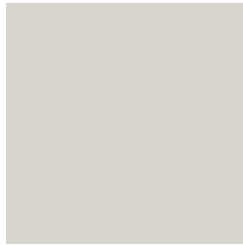
9.4204, 7.1025, 39.3276



0.6480, 0.5880, 2.3987

Previews

White Background



This preview shows how the XYZ color 63.0030, 66.1421, 67.8386 looks on a white background.

Color Contrast Check

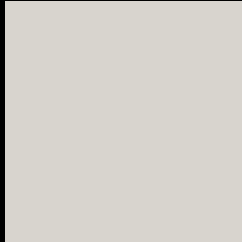
Large Text (above 18pt) WCAG AA × Fail

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 63.0030, 66.1421, 67.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

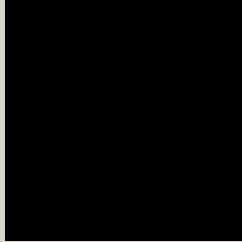
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

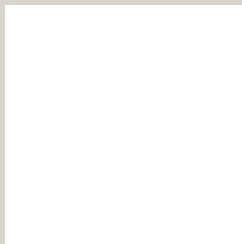
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0030, 66.1421, 67.8386

Background



This preview shows how black text looks on a background with the XYZ color 63.0030, 66.1421, 67.8386.

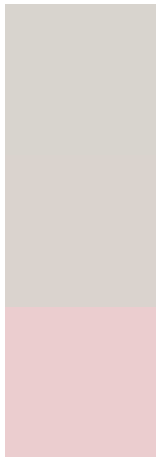


This preview shows how white text looks on a background with the XYZ color 63.0030, 66.1421,

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

63.0030, 66.1421, 67.8386

Protanopia

63.3483, 65.9502, 67.7834

Deuteranopia

67.3548, 65.8298, 68.1879



Tritanopia

65.7413, 66.1520, 81.2552

Trichromacy



Original Color

63.0030, 66.1421, 67.8386

Protanomaly

63.0501, 65.7965, 67.7694

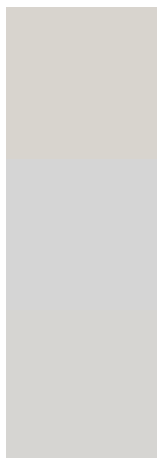
Deuteranomaly

65.8133, 66.1107, 68.3234

Tritanomaly

64.7462, 66.1131, 76.3664

Monochromacy



Original Color

63.0030, 66.1421, 67.8386

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1587, 66.5378, 70.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0030, 66.1421, 67.8386 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, 212, 206) looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 206)  
}
```

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, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.0030, 66.1421, 67.8386 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, 212, 206) }
```


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

```
.border{ border-color:rgb(216, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 212,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0030, 66.1421, 67.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 206) }
```

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

```
.background{ background-color: rgb(216,  
212, 206) }
```

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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