

Converting Colors

XYZ(62.8788, 66.8736, 65.4107)

Have a look what the booklet for
XYZ(62.8788, 66.8736, 65.4107)
contains.

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Color

**XYZ(63.0261, 66.9563,
65.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D6CA
RGB	216, 214, 202
RGB Percent	85%, 84%, 79%
CMY	0.1529, 0.1608, 0.2078
CMYK	0.00, 0.01, 0.06, 0.15
HSL	51°, 15%, 82%
HSV	51°, 6%, 85%
XYZ	63.0261, 66.9563, 65.4791
YIQ	213.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

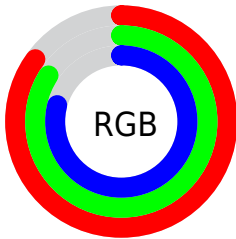
Format	Color
R_YB	204, 216, 202
Decimal	14210762
CIE Lab	85.48, -1.41, 6.15
CIE LCh	85, 6.313, 102.914
Yxy	66.9563, 0.3224, 0.3426
Android (android.graphics.Color)	4292400842 (0xFFD8D6CA)
YUV	213.2300, -5.5364, 2.4293
Hunter-Lab	81.8268, -5.7095, 9.8340

Details

The XYZ color **63.0261, 66.9563, 65.4791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3446, 60.6991, 73.6075**, and the grayscale version is **63.4348, 66.7384, 72.6781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4414, 34.5115, 32.9685** is the 20% darker color. If you saturate the color by 10%, you get **59.8742, 64.4625, 52.6815**, and if you desaturate by 10%, it is **66.5544, 69.6286, 80.1699**.

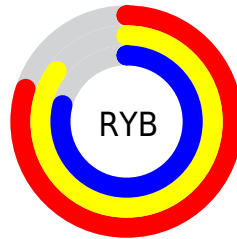
Distribution



Red (85%)

Green (84%)

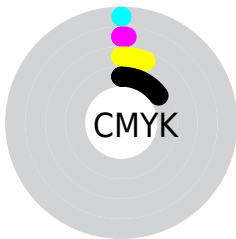
Blue (79%)



Red (80%)

Yellow (85%)

Blue (79%)

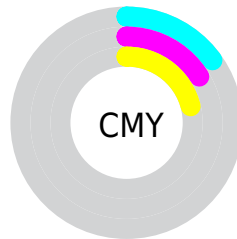


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0261, 66.9563, 65.4791 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 63.0261, 66.9563, 65.4791 by changing the saturation by 10% instead.

■ 63.0261, 66.9563,
65.4791

■ 63.0261, 66.9563,
65.4791

425.3224,
449.7892, 462.8649

■ 46.1211, 49.0491,
47.3959

108.2888,
114.8578, 114.3582

■ 32.5464, 34.6584,
32.9921

137.3771,
145.6209, 145.9912

■ 21.9367, 23.3999,
21.8493

171.2572,
181.4381, 182.9779

■ 13.9268, 14.8891,
13.5490

210.2945,
222.6937, 225.7367

■ 8.1511, 8.7416,
7.6725

254.8543,
269.7723, 274.6863

■ 4.2444, 4.5730,
3.8014

305.3020,

■ 1.8413, 1.9990,

323.0581, 330.2452

1.5170

362.0029,
382.9356, 392.8319

■ 0.5424, 0.6069,
0.2306

■ 0.0000, 0.0000,
0.0000

■ 63.0261, 66.9563,
65.4791

■ 63.0261, 66.9563,
65.4791

■ 59.8742, 64.4625,
52.6815

■ 66.5544, 69.6286,
80.1699

■ 57.0785, 62.1323,
41.6949

■ 70.4677, 72.4765,
96.8231

■ 54.6247, 59.9623,
32.4375

■ 72.8219, 74.7246,
105.1929

■ 52.4958, 57.9455,
24.8194

■ 73.6534, 76.3875,
105.4700

■ 50.6731, 56.0741,
18.7425

■ 74.4999, 78.0805,
105.7522

■ 49.1359, 54.3400,
14.0986

■ 75.3615, 79.8037,
106.0394

■ 47.8609, 52.7334,
10.7650

■ 76.2383, 81.5574,
106.3317

■ 46.8208, 51.2435,
8.5987

■ 77.1304, 83.3416,
106.6291

■ 45.9811, 49.8563,
7.4180

■ 78.0379, 85.1565,
106.9315

Harmonies

Analogous

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



64.4530, 66.9563, 65.6176



63.0261, 66.9563, 65.4791



61.7820, 66.9563, 67.2756

Triad

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



63.0261, 66.9563, 65.4791



61.6430, 66.9563, 78.4107



66.3105, 66.9563, 75.2474

Complementary

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



63.0261, 66.9563, 65.4791



58.3446, 60.6991, 73.6075

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.



65.5348, 66.9563, 78.8380



63.0261, 66.9563, 65.4791



62.8338, 66.9563, 80.7108

Square

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



63.0261, 66.9563, 65.4791



60.9916, 66.9563, 74.6820



64.2578, 66.9563, 80.8700



66.3638, 66.9563, 71.1545

Rectangle

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



63.0261, 66.9563, 65.4791



61.2180, 66.9563, 69.3693



64.2578, 66.9563, 80.8700



66.1250, 66.9563, 76.5568

Sweetspot

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



63.0280, 66.9592, 65.4805



94.0081, 99.2128, 104.5555



60.3514, 61.2054, 65.8235



20.1325, 21.2439, 22.4247



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.



63.0280, 66.9592, 65.4805



91.0169, 96.9135, 92.2037



62.1100, 67.2404, 65.5832



13.3149, 14.2040, 13.2006



27.1170, 29.3513, 4.2361



1.6779, 1.8549, 0.2696

Inverse Universe

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



58.3446, 60.6991, 73.6075



82.6106, 85.6773, 106.7911



59.2203, 60.4509, 73.5134



11.8840, 12.2915, 15.6837



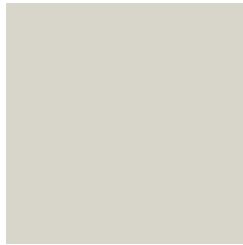
7.6704, 3.6026, 38.7443



0.5096, 0.3112, 2.3525

Previews

White Background



This preview shows how the XYZ color 63.0261, 66.9563, 65.4791 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 63.0261, 66.9563, 65.4791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

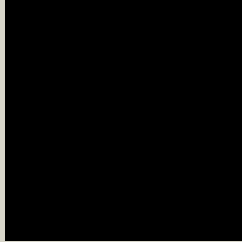
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

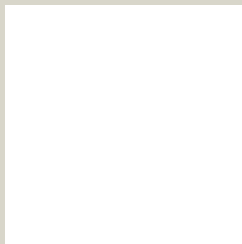
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0261, 66.9563, 65.4791

Background



This preview shows how black text looks on a background with the XYZ color 63.0261, 66.9563, 65.4791.



This preview shows how white text looks on a background with the XYZ color 63.0261, 66.9563,

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

63.0261, 66.9563, 65.4791

Protanopia

63.8521, 67.0212, 64.8294

Deuteranopia

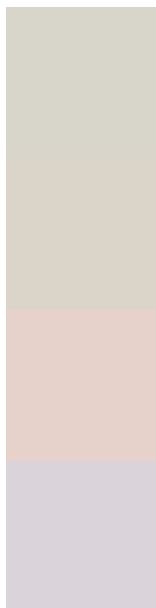
68.2303, 66.6794, 66.4010



Tritanopia

66.4269, 66.8549, 82.0763

Trichromacy



Original Color

63.0261, 66.9563, 65.4791

Protanomaly

63.5503, 66.8656, 64.8152

Deuteranomaly

66.2131, 66.7357, 65.8914

Tritanomaly

65.1626, 66.7106, 75.7717

Monochromacy



Original Color

63.0261, 66.9563, 65.4791

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0344, 66.4881, 69.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0261, 66.9563, 65.4791 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, 214, 202) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 202)  
}
```

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, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 202) }
```

Border

The CSS property to change the border of an element to XYZ 63.0261, 66.9563, 65.4791 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, 214, 202) }
```


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

```
.border{ border-color:rgb(216, 214, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0261, 66.9563, 65.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 202) }
```

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

```
.background{ background-color: rgb(216,  
214, 202) }
```

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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