

Converting Colors

XYZ(61.6802, 66.3165, 62.9755)

Have a look what the booklet for
XYZ(61.6802, 66.3165, 62.9755)
contains.

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Color

**XYZ(61.6802, 66.3165,
62.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D6C6
RGB	213, 214, 198
RGB Percent	84%, 84%, 78%
CMY	0.1647, 0.1608, 0.2235
CMYK	0.00, 0.00, 0.07, 0.16
HSL	64°, 16%, 81%
HSV	64°, 7%, 84%
XYZ	61.6802, 66.3165, 62.9755
YIQ	211.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

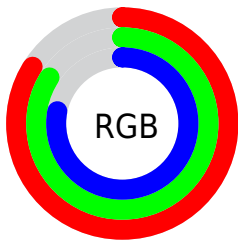
Format	Color
RYB	198, 214, 199
Decimal	14014150
CIELab	85.16, -3.14, 7.77
CIELCh	85, 8.384, 111.989
Yxy	66.3165, 0.3230, 0.3473
Android (android.graphics.Color)	4292204230 (0xFFD5D6C6)
YUV	211.8770, -6.8414, 0.9849
Hunter-Lab	81.4349, -7.3122, 11.1542

Details

The XYZ color **61.6802, 66.3165, 62.9755** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8874, 57.3871, 71.7531**, and the grayscale version is **62.5411, 65.7981, 71.6541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5327, 34.0790, 31.3015** is the 20% darker color. If you saturate the color by 10%, you get **58.9970, 65.2006, 50.8623**, and if you desaturate by 10%, it is **64.7191, 67.5794, 76.9287**.

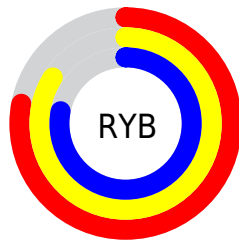
Distribution



Red (84%)

Green (84%)

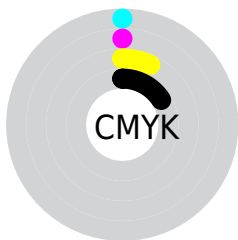
Blue (78%)



Red (78%)

Yellow (84%)

Blue (78%)

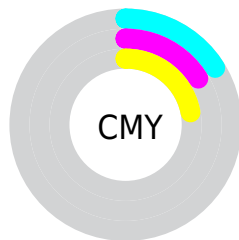


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6802, 66.3165, 62.9755 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 61.6802, 66.3165, 62.9755 by changing the saturation by 10% instead.

■ 61.6802, 66.3165,
62.9755

■ 61.6802, 66.3165,
62.9755

420.4998,
447.5079, 453.5861

■ 45.0290, 48.5294,
45.3805

106.3557,
113.9405, 110.7194

■ 31.6816, 34.2463,
31.4121

135.1108,
144.5461, 141.7054

■ 21.2728, 23.0829,
20.6518

168.6311,
180.1934, 177.9921

■ 13.4372, 14.6547,
12.6809

207.2821,
221.2667, 219.9982

■ 7.8093, 8.5774,
7.0811

251.4291,
268.1504, 268.1421

■ 4.0240, 4.4666,
3.4336

301.4375,

■ 1.7157, 1.9378,

321.2289, 322.8423

1.3201

357.6726,
380.8866, 384.5175

■ 0.4661, 0.5710,
0.0782

■ 0.0000, 0.0000,
0.0000

■ 61.6802, 66.3165,
62.9755

■ 61.6802, 66.3165,
62.9755

■ 58.9970, 65.2006,
50.8623

■ 64.7191, 67.5794,
76.9287

■ 56.6495, 64.2171,
40.5081

■ 68.1220, 68.9861,
92.7898

■ 54.6239, 63.3628,
31.8324

■ 70.7218, 70.0720,
104.4055

■ 52.9035, 62.6309,
24.7468

■ 71.1227, 70.2786,
104.4243

■ 51.4697, 62.0141,
19.1545

■ 71.5268, 70.4869,
104.4432

■ 50.3024, 61.5043,
14.9484

■ 71.9341, 70.6969,
104.4623

■ 49.3785, 61.0921,
12.0072

■ 72.3447, 70.9086,
104.4815

■ 48.6708, 60.7668,
10.1886

■ 72.7586, 71.1220,
104.5009

■ 48.1426, 60.5136,
9.2979

■ 73.1758, 71.3371,
104.5204

Harmonies

Analogous

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



63.5400, 66.3165, 62.3787



61.6802, 66.3165, 62.9755



60.2102, 66.3165, 65.9826

Triad

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



61.6802, 66.3165, 62.9755



60.8191, 66.3165, 80.7267



66.7014, 66.3165, 73.6685

Complementary

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



61.6802, 66.3165, 62.9755



55.8874, 57.3871, 71.7531

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.



65.9403, 66.3165, 78.8119



61.6802, 66.3165, 62.9755



62.5264, 66.3165, 83.0178

Square

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



61.6802, 66.3165, 62.9755



59.7200, 66.3165, 76.1770



64.4031, 66.3165, 82.3001



66.4639, 66.3165, 68.3781

Rectangle

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



61.6802, 66.3165, 62.9755



59.6368, 66.3165, 69.0351



64.4031, 66.3165, 82.3001



66.5533, 66.3165, 75.4754

Sweetspot

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



61.6820, 66.3194, 62.9769



94.1220, 99.6152, 104.6272



58.3041, 59.1299, 61.7673



20.1557, 21.3258, 22.4393



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.



61.6820, 66.3194, 62.9769



91.0448, 98.3370, 90.5635



59.4740, 65.1811, 62.8736



13.3923, 14.4784, 13.2495



29.0580, 36.5563, 5.5245



1.7764, 2.2172, 0.3343

Inverse Universe

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



55.8874, 57.3871, 71.7531



80.6851, 82.3676, 106.2537



58.0100, 58.4813, 71.8524



11.8140, 12.0455, 15.6399



7.4707, 3.0038, 38.6392



0.4765, 0.1945, 2.3317

Previews

White Background



This preview shows how the XYZ color 61.6802, 66.3165, 62.9755 looks on a white background.

Color Contrast Check

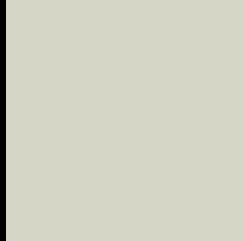
Large Text (above 18pt) WCAG AA × Fail

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 61.6802, 66.3165, 62.9755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

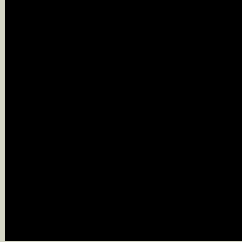
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

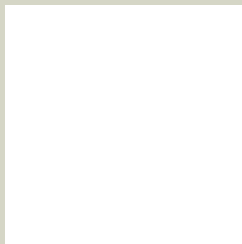
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6802, 66.3165, 62.9755

Background



This preview shows how black text looks on a background with the XYZ color 61.6802, 66.3165, 62.9755.



This preview shows how white text looks on a background with the XYZ color 61.6802, 66.3165,

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

61.6802, 66.3165, 62.9755

Protanopia

63.1367, 66.3338, 62.2994

Deuteranopia

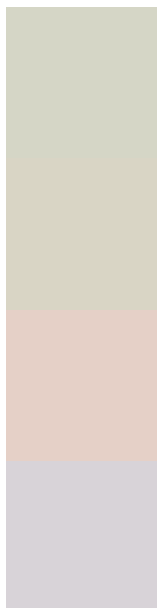
67.5165, 66.0099, 63.8263



Tritanopia

65.3893, 66.3359, 81.3092

Trichromacy



Original Color

61.6802, 66.3165, 62.9755

Protanomaly

62.4876, 66.3714, 62.3408

Deuteranomaly

65.1778, 65.8933, 63.3163

Tritanomaly

64.0078, 66.1453, 74.3595

Monochromacy



Original Color

61.6802, 66.3165, 62.9755

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2081, 66.0905, 68.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6802, 66.3165, 62.9755 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(213, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 198)  
}
```

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(213, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 198) }
```

Border

The CSS property to change the border of an element to XYZ 61.6802, 66.3165, 62.9755 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(213, 214, 198) }
```


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

```
.border{ border-color:rgb(213, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6802, 66.3165, 62.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 198) }
```

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

```
.background{ background-color: rgb(213,  
214, 198) }
```

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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