

Converting Colors

XYZ(60.1597, 65.2946, 63.0780)

Have a look what the booklet for
XYZ(60.1597, 65.2946, 63.0780)
contains.

XYZ(59.9997, 65.0756, 62.8246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.9997, 65.0756,
62.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D5C6
RGB	208, 213, 198
RGB Percent	82%, 84%, 78%
CMY	0.1843, 0.1647, 0.2235
CMYK	0.02, 0.00, 0.07, 0.16
HSL	80°, 15%, 81%
HSV	80°, 7%, 84%
XYZ	59.9997, 65.0756, 62.8246
YIQ	209.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

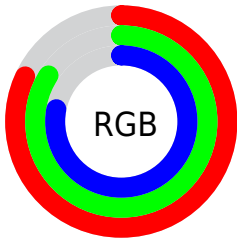
Format	Color
RYB	198, 213, 203
Decimal	13686214
CIELab	84.52, -4.37, 6.81
CIELCh	85, 8.094, 122.678
Yxy	65.0756, 0.3193, 0.3463
Android (android.graphics.Color)	4291876294 (0xFFD0D5C6)
YUV	209.7950, -5.8149, -1.5742
Hunter-Lab	80.6694, -8.4082, 10.2941

Details

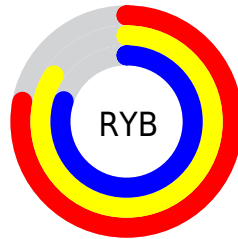
The XYZ color **59.9997, 65.0756, 62.8246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8355, 57.8905, 71.1326**, and the grayscale version is **61.1617, 64.3469, 70.0738**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5873, 33.3374, 31.2082** is the 20% darker color. If you saturate the color by 10%, you get **55.7613, 63.1567, 50.6905**, and if you desaturate by 10%, it is **64.6768, 67.1845, 76.7856**.

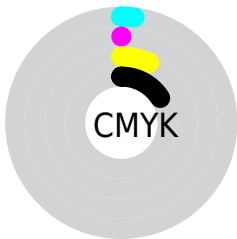
Distribution



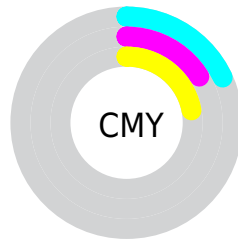
- Red (82%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9997, 65.0756, 62.8246 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 59.9997, 65.0756, 62.8246 by changing the saturation by 10% instead.

■ 59.9997, 65.0756,
62.8246

■ 59.9997, 65.0756,
62.8246

414.4314,
443.0636, 453.0231

■ 43.6679, 47.5224,
45.2592

103.9356,
112.1585, 110.4996

■ 30.6063, 33.4488,
31.3172

132.2703,
142.4571, 141.4462

■ 20.4496, 22.4705,
20.5800

165.3367,
177.7728, 177.6904

■ 12.8324, 14.2030,
12.6291

203.5002,
218.4901, 219.6507

■ 7.3894, 8.2620,
7.0460

247.1260,
264.9935, 267.7455

■ 3.7553, 4.2631,
3.4120

296.5796,

■ 1.5647, 1.8218,

317.6673, 322.3935

1.3086

352.2263,
376.8958, 384.0132

■ 0.3692, 0.5007,
0.0689

■ 0.0000, 0.0000,
0.0000

■ 59.9997, 65.0756,
62.8246

■ 59.9997, 65.0756,
62.8246

■ 55.7613, 63.1567,
50.6905

■ 64.6768, 67.1845,
76.7856

■ 51.9406, 61.4130,
40.3034

■ 69.8018, 69.4809,
92.6404

■ 48.5230, 59.8407,
31.5838

■ 74.2588, 71.5207,
104.4988

■ 45.4907, 58.4323,
24.4446

■ 76.5765, 72.7155,
104.6072

■ 42.8243, 57.1801,
18.7906

■ 78.9881, 73.9588,
104.7201

■ 40.5027, 56.0755,
14.5162

■ 81.4947, 75.2509,
104.8374

■ 38.5019, 55.1087,
11.5022

■ 83.0855, 76.0711,
104.9118

■ 36.7940, 54.2684,
9.6091

■ 35.3427, 53.5399,
8.6523

Harmonies

Analogous

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



61.6906, 65.0756, 61.3954



59.9997, 65.0756, 62.8246



58.8236, 65.0756, 66.3968

Triad

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



59.9997, 65.0756, 62.8246



60.2750, 65.0756, 80.0470



65.3799, 65.0756, 70.3934

Complementary

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



59.9997, 65.0756, 62.8246



56.8355, 57.8905, 71.1326

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.



64.9834, 65.0756, 75.5110



59.9997, 65.0756, 62.8246



62.0145, 65.0756, 81.2423

Square

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



59.9997, 65.0756, 62.8246



58.9804, 65.0756, 76.3524



63.7429, 65.0756, 79.5448



64.8161, 65.0756, 65.6304

Rectangle

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



59.9997, 65.0756, 62.8246



58.4777, 65.0756, 69.5987



63.7429, 65.0756, 79.5448



65.3545, 65.0756, 72.1289

Sweetspot

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



60.0015, 65.0784, 62.8260



93.6166, 99.3547, 104.6035



58.9919, 60.9374, 62.0799



20.0529, 21.2728, 22.4344



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.



60.0015, 65.0784, 62.8260



89.4786, 97.4874, 92.3955



57.9425, 64.0170, 62.7297



13.0517, 14.3029, 13.2335



21.4568, 32.6377, 5.1688



1.3803, 2.0130, 0.3158

Inverse Universe

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



56.8355, 57.8905, 71.1326



84.0576, 85.1798, 106.6188



58.9276, 58.9691, 71.2305



12.1290, 12.2079, 15.6546



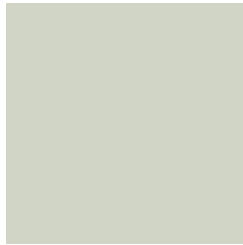
9.0227, 3.8039, 38.7118



0.6308, 0.2741, 2.3390

Previews

White Background



This preview shows how the XYZ color 59.9997, 65.0756, 62.8246 looks on a white background.

Color Contrast Check

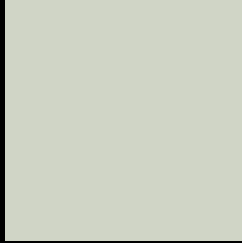
Large Text (above 18pt) WCAG AA × Fail

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 59.9997, 65.0756, 62.8246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

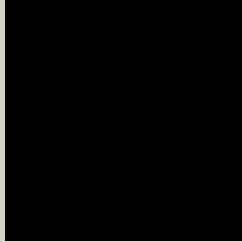
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

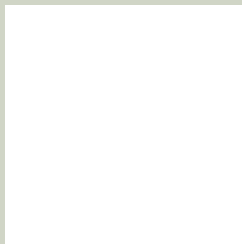
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9997, 65.0756, 62.8246

Background



This preview shows how black text looks on a background with the XYZ color 59.9997, 65.0756, 62.8246.



This preview shows how white text looks on a background with the XYZ color 59.9997, 65.0756,

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

59.9997, 65.0756, 62.8246

Protanopia

61.9238, 64.9841, 61.5040

Deuteranopia

66.2791, 65.0180, 63.7000



Tritanopia

63.5424, 65.0342, 80.4380

Trichromacy



Original Color

59.9997, 65.0756, 62.8246

Protanomaly

61.1039, 64.9159, 62.1328

Deuteranomaly

63.6730, 64.7567, 63.1762

Tritanomaly

62.1763, 64.8484, 73.5299

Monochromacy



Original Color

59.9997, 65.0756, 62.8246

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7293, 64.6001, 67.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9997, 65.0756, 62.8246 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(208, 213, 198) looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 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(208, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.9997, 65.0756, 62.8246 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(208, 213, 198) }
```


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

```
.border{ border-color:rgb(208, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(208, 213,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9997, 65.0756, 62.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 213, 198) }
```

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

```
.background{ background-color: rgb(208,  
213, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor