

Converting Colors

XYZ(60.6143, 65.0065, 61.6398)

Have a look what the booklet for
XYZ(60.6143, 65.0065, 61.6398)
contains.

XYZ(60.6587, 65.0695, 61.5872)	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(60.6587, 65.0695,
61.5872)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D4C4
RGB	212, 212, 196
RGB Percent	83%, 83%, 77%
CMY	0.1686, 0.1686, 0.2314
CMYK	0.00, 0.00, 0.08, 0.17
HSL	60°, 16%, 80%
HSV	60°, 8%, 83%
XYZ	60.6587, 65.0695, 61.5872
YIQ	210.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

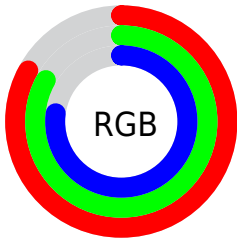
Format	Color
RYB	196, 212, 196
Decimal	13948100
CIELab	84.52, -2.79, 7.91
CIELCh	85, 8.386, 109.446
Yxy	65.0695, 0.3238, 0.3474
Android (android.graphics.Color)	4292138180 (0xFFD4D4C4)
YUV	210.1760, -6.9888, 1.5996
Hunter-Lab	80.6657, -6.9371, 11.1988

Details

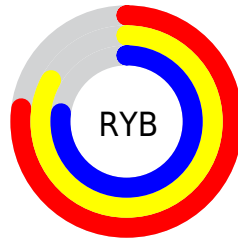
The XYZ color **60.6587, 65.0695, 61.5872** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3910, 55.9708, 70.2274**, and the grayscale version is **61.4177, 64.6163, 70.3671**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **30.8441, 33.2350, 30.3805** is the 20% darker color. If you saturate the color by 10%, you get **58.4134, 64.1733, 49.7631**, and if you desaturate by 10%, it is **63.2486, 66.1078, 75.2101**.

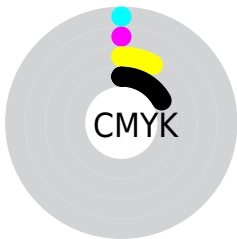
Distribution



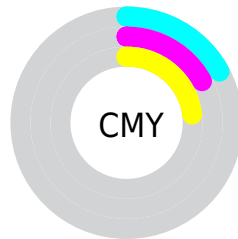
- Red (83%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6587, 65.0695, 61.5872 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 60.6587, 65.0695, 61.5872 by changing the saturation by 10% instead.

■ 60.6587, 65.0695,
61.5872

■ 60.6587, 65.0695,
61.5872

416.8174,
443.0417, 448.3898

■ 44.2013, 47.5174,
44.2656

104.8855,
112.1498, 108.6945

■ 31.0274, 33.4449,
30.5406

133.3856,
142.4468, 139.3173

■ 20.7716, 22.4675,
19.9938

166.6307,
177.7609, 175.2109

■ 13.0687, 14.2008,
12.2065

204.9860,
218.4765, 216.7938

■ 7.5532, 8.2605,
6.7602

248.8170,
264.9779, 264.4846

■ 3.8598, 4.2621,
3.2364

298.4890,

■ 1.6231, 1.8212,

317.6497, 318.7018

1.2166

354.3673,
376.8762, 379.8640

■ 0.4074, 0.5003,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6587, 65.0695,
61.5872

■ 60.6587, 65.0695,
61.5872

■ 58.4134, 64.1733,
49.7631

■ 63.2486, 66.1078,
75.2101

■ 56.4931, 63.4051,
39.6586

■ 66.1913, 67.2850,
90.6981

■ 54.8844, 62.7614,
31.1951

■ 68.7508, 68.3090,
104.1691

■ 53.5709, 62.2358,
24.2859

■ 68.7523, 68.3097,
104.1692

■ 52.5347, 61.8212,
18.8365

■ 68.7537, 68.3105,
104.1693

■ 51.7557, 61.5094,
14.7422

■ 68.7552, 68.3112,
104.1693

■ 51.2116, 61.2916,
11.8843

■ 68.7566, 68.3120,
104.1694

■ 50.8758, 61.1571,
10.1238

■ 68.7581, 68.3127,
104.1695

■ 50.7119, 61.0914,
9.2683

■ 68.7595, 68.3135,
104.1695

Harmonies

Analogous

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



62.5067, 65.0695, 61.2120



60.6587, 65.0695, 61.5872



59.1580, 65.0695, 64.3709

Triad

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



60.6587, 65.0695, 61.5872



59.5410, 65.0695, 78.9549



65.4447, 65.0695, 72.7501

Complementary

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



60.6587, 65.0695, 61.5872



54.3910, 55.9708, 70.2274

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.



64.6155, 65.0695, 77.7490



60.6587, 65.0695, 61.5872



61.1912, 65.0695, 81.4492

Square

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



60.6587, 65.0695, 61.5872



58.5217, 65.0695, 74.3292



63.0499, 65.0695, 80.9971



65.2951, 65.0695, 67.4804

Rectangle

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



60.6587, 65.0695, 61.5872



58.5446, 65.0695, 67.2997



63.0499, 65.0695, 80.9971



65.2705, 65.0695, 74.5222

Sweetspot

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



60.6605, 65.0723, 61.5886



94.2392, 99.6756, 104.6327



56.8571, 57.4640, 60.3205



20.1796, 21.3381, 22.4404



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.



60.6605, 65.0723, 61.5886



91.5706, 98.6080, 90.5881



58.4115, 63.9129, 61.4834



13.4726, 14.5198, 13.2532



31.2877, 37.7057, 5.6289



1.8872, 2.2743, 0.3395

Inverse Universe

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



54.3910, 55.9708, 70.2274



80.2174, 82.1265, 106.2318



56.5274, 57.0722, 70.3274



11.7429, 12.0089, 15.6365



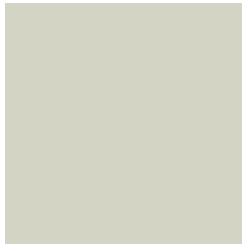
7.3369, 2.9348, 38.6329



0.4426, 0.1771, 2.3302

Previews

White Background



This preview shows how the XYZ color 60.6587, 65.0695, 61.5872 looks on a white background.

Color Contrast Check

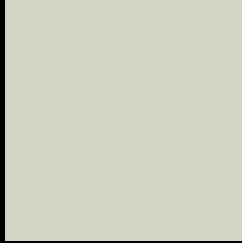
Large Text (above 18pt) WCAG AA × Fail

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 60.6587, 65.0695, 61.5872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

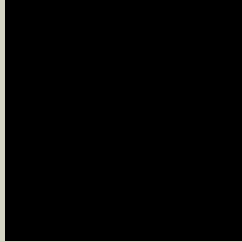
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

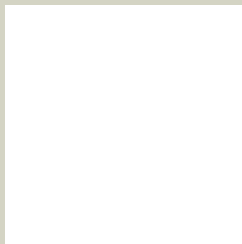
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6587, 65.0695, 61.5872

Background



This preview shows how black text looks on a background with the XYZ color 60.6587, 65.0695, 61.5872.



This preview shows how white text looks on a background with the XYZ color 60.6587, 65.0695,

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

60.6587, 65.0695, 61.5872

Protanopia

61.8104, 64.9387, 60.9064

Deuteranopia

66.3780, 65.0958, 62.4923



Tritanopia

64.3293, 65.0925, 79.6946

Trichromacy



Original Color

60.6587, 65.0695, 61.5872

Protanomaly

61.4635, 65.1276, 60.9612

Deuteranomaly

64.0694, 64.9878, 61.9904

Tritanomaly

62.9624, 64.9030, 72.8274

Monochromacy



Original Color

60.6587, 65.0695, 61.5872

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1777, 64.8452, 67.0496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6587, 65.0695, 61.5872 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, 212, 196) looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 196)  
}
```

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, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.6587, 65.0695, 61.5872 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, 212, 196) }
```


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

```
.border{ border-color:rgb(212, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6587, 65.0695, 61.5872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 196) }
```

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

```
.background{ background-color: rgb(212,  
212, 196) }
```

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