

Converting Colors

XYZ(60.8334, 65.5666, 61.0459)

Have a look what the booklet for
XYZ(60.8334, 65.5666, 61.0459)
contains.

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Color

**XYZ(60.7960, 65.5257,
61.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D5C3
RGB	212, 213, 195
RGB Percent	83%, 84%, 76%
CMY	0.1686, 0.1647, 0.2353
CMYK	0.00, 0.00, 0.08, 0.16
HSL	63°, 18%, 80%
HSV	63°, 8%, 84%
XYZ	60.7960, 65.5257, 61.0732
YIQ	210.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

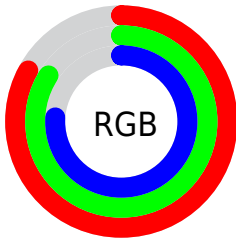
Format	Color
RYB	195, 213, 196
Decimal	13948355
CIELab	84.75, -3.48, 8.77
CIElCh	85, 9.437, 111.623
Yxy	65.5257, 0.3244, 0.3497
Android (android.graphics.Color)	4292138435 (0xFFD4D5C3)
YUV	210.6490, -7.7150, 1.1848
Hunter-Lab	80.9479, -7.5964, 11.9307

Details

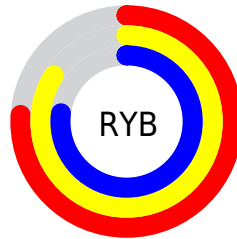
The XYZ color **60.7960, 65.5257, 61.0732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2928, 55.5718, 70.8192**, and the grayscale version is **61.7337, 64.9487, 70.7291**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **30.9392, 33.5449, 30.0434** is the 20% darker color. If you saturate the color by 10%, you get **58.2169, 64.4568, 49.2648**, and if you desaturate by 10%, it is **63.7248, 66.7391, 74.6940**.

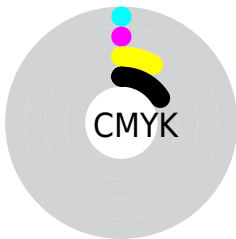
Distribution



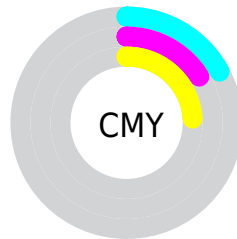
- Red (83%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7960, 65.5257, 61.0732 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 60.7960, 65.5257, 61.0732 by changing the saturation by 10% instead.

■ 60.7960, 65.5257,
61.0732

■ 60.7960, 65.5257,
61.0732

417.3135,
444.6787, 446.4563

■ 44.3125, 47.8875,
43.8533

105.0833,
112.8053, 107.9435

■ 31.1152, 33.7378,
30.2189

133.6178,
143.2155, 138.4309

■ 20.8388, 22.6922,
19.7513

166.8999,
178.6518, 174.1780

■ 13.1180, 14.3664,
12.0321

205.2951,
219.4986, 215.6032

■ 7.5874, 8.3760,
6.6427

249.1687,
266.1403, 263.1251

■ 3.8817, 4.3364,
3.1647

298.8861,

■ 1.6354, 1.8635,

318.9613, 317.1622

1.1793

354.8126,
378.3459, 378.1331

■ 0.4153, 0.5263,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7960, 65.5257,
61.0732

■ 60.7960, 65.5257,
61.0732

■ 58.2169, 64.4568,
49.2648

■ 63.7248, 66.7391,
74.6940

■ 55.9677, 63.5180,
39.1885

■ 67.0116, 68.0938,
90.1947

■ 54.0347, 62.7059,
30.7638

■ 70.0361, 69.3439,
104.3011

■ 52.4011, 62.0139,
23.9027

■ 70.3874, 69.5250,
104.3176

■ 51.0485, 61.4347,
18.5088

■ 70.7413, 69.7074,
104.3342

■ 49.9567, 60.9600,
14.4749

■ 71.0977, 69.8911,
104.3508

■ 49.1025, 60.5806,
11.6795

■ 71.4566, 70.0762,
104.3676

■ 48.4588, 60.2857,
9.9794

■ 71.8182, 70.2626,
104.3845

■ 47.9845, 60.0589,
9.1581

■ 72.1822, 70.4503,
104.4016

Harmonies

Analogous

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



62.8736, 65.5257, 60.4495



60.7960, 65.5257, 61.0732



59.1512, 65.5257, 64.3679

Triad

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



60.7960, 65.5257, 61.0732



59.7933, 65.5257, 80.8559



66.3841, 65.5257, 73.0539

Complementary

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



60.7960, 65.5257, 61.0732



54.2928, 55.5718, 70.8192

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.



65.5177, 65.5257, 78.8118



60.7960, 65.5257, 61.0732



61.6905, 65.5257, 83.4798

Square

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



60.7960, 65.5257, 61.0732



58.5814, 65.5257, 75.7176



63.7884, 65.5257, 82.7114



66.1315, 65.5257, 67.1467

Rectangle

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



60.7960, 65.5257, 61.0732



58.5060, 65.5257, 67.7427



63.7884, 65.5257, 82.7114



66.2134, 65.5257, 75.0756

Sweetspot

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



60.7978, 65.5286, 61.0746



93.6858, 99.4362, 102.5345



57.0104, 57.5227, 59.7289



19.9763, 21.2519, 21.5917



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.



60.7978, 65.5286, 61.0746



90.6915, 98.1964, 88.6691



58.3028, 64.2423, 60.9579



13.4012, 14.4830, 13.2499



29.2975, 36.6797, 5.5358



1.7884, 2.2233, 0.3349

Inverse Universe

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



54.2928, 55.5718, 70.8192



79.1377, 80.5117, 105.9770



56.6766, 56.8007, 70.9307



11.8061, 12.0414, 15.6395



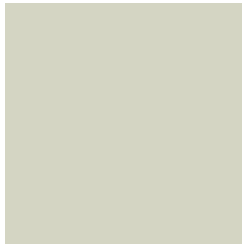
7.4557, 2.9960, 38.6385



0.4728, 0.1926, 2.3316

Previews

White Background



This preview shows how the XYZ color 60.7960, 65.5257, 61.0732 looks on a white background.

Color Contrast Check

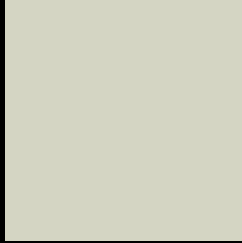
Large Text (above 18pt) WCAG AA × Fail

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 60.7960, 65.5257, 61.0732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

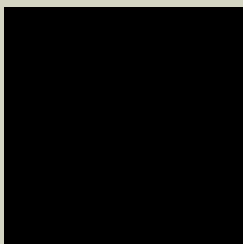
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

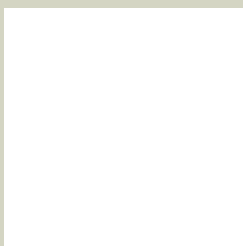
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7960, 65.5257, 61.0732

Background



This preview shows how black text looks on a background with the XYZ color 60.7960, 65.5257, 61.0732.



This preview shows how white text looks on a background with the XYZ color 60.7960, 65.5257,

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

60.7960, 65.5257, 61.0732

Protanopia

62.2453, 65.5436, 60.4094

Deuteranopia

66.5960, 65.2215, 61.9023



Tritanopia

64.7100, 65.6361, 80.4926

Trichromacy



Original Color

60.7960, 65.5257, 61.0732

Protanomaly

61.6000, 65.5809, 60.4507

Deuteranomaly

64.2715, 65.1051, 61.4036

Tritanomaly

63.2085, 65.3953, 72.9094

Monochromacy



Original Color

60.7960, 65.5257, 61.0732

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4269, 65.3436, 67.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7960, 65.5257, 61.0732 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, 213, 195) looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 195)  
}
```

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, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 60.7960, 65.5257, 61.0732 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, 213, 195) }
```


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

```
.border{ border-color:rgb(212, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7960, 65.5257, 61.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 195) }
```

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

```
.background{ background-color: rgb(212,  
213, 195) }
```

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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