

Converting Colors

XYZ(56.1692, 61.3068, 60.3879)

Have a look what the booklet for
XYZ(56.1692, 61.3068, 60.3879)
contains.

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Color

**XYZ(56.2256, 61.3312,
60.5045)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D0C3
RGB	200, 208, 195
RGB Percent	78%, 82%, 76%
CMY	0.2157, 0.1843, 0.2353
CMYK	0.04, 0.00, 0.06, 0.18
HSL	97°, 12%, 79%
HSV	97°, 6%, 82%
XYZ	56.2256, 61.3312, 60.5045
YIQ	204.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

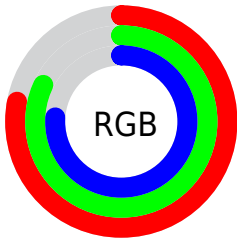
Format	Color
RYB	195, 208, 203
Decimal	13160643
CIELab	82.56, -5.08, 5.50
CIELCh	83, 7.488, 132.757
Yxy	61.3312, 0.3158, 0.3444
Android (android.graphics.Color)	4291350723 (0xFFC8D0C3)
YUV	204.1260, -4.4991, -3.6185
Hunter-Lab	78.3142, -8.8961, 9.0133

Details

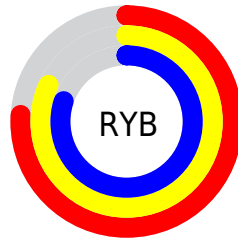
The XYZ color **56.2256, 61.3312, 60.5045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5313, 56.2825, 67.6144**, and the grayscale version is **57.5034, 60.4981, 65.8824**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **28.2174, 31.1453, 29.7237** is the 20% darker color. If you saturate the color by 10%, you get **50.7587, 58.7678, 48.8153**, and if you desaturate by 10%, it is **62.3099, 64.1786, 73.9353**.

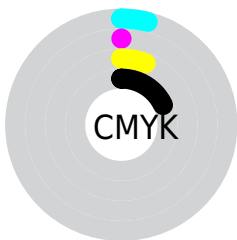
Distribution



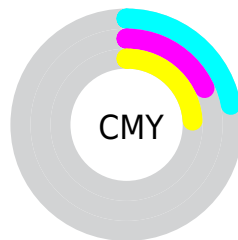
- Red (78%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2256, 61.3312, 60.5045 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 56.2256, 61.3312, 60.5045 by changing the saturation by 10% instead.

■ 56.2256, 61.3312,
60.5045

■ 56.2256, 61.3312,
60.5045

400.6024,
429.4873, 444.3110

■ 40.6215, 44.4925,
43.3975

98.4722, 106.7583,
107.1117

■ 28.2098, 31.0579,
29.8634

125.8455,
136.1156, 137.4489

■ 18.6252, 20.6429,
19.4837

157.8726,
170.4145, 173.0333

■ 11.5021, 12.8633,
11.8400

194.9189,
210.0394, 214.2833

■ 6.4754, 7.3344,
6.5136

237.3496,
255.3747, 261.6175

■ 3.1796, 3.6721,
3.0860

285.5302,

■ 1.2495, 1.4919,

306.8049, 315.4546

1.1387

339.8260,
364.7143, 376.2129

■ 0.1449, 0.2830,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2256, 61.3312,
60.5045

■ 56.2256, 61.3312,
60.5045

■ 50.7587, 58.7678,
48.8153

■ 62.3099, 64.1786,
73.9353

■ 45.8837, 56.4714,
38.7925

■ 69.0261, 67.3106,
89.1709

■ 41.5807, 54.4353,
30.3613

■ 76.0048, 70.5823,
104.2256

■ 37.8266, 52.6493,
23.4395

■ 80.4675, 72.8829,
104.4345

■ 34.5965, 51.1025,
17.9377

■ 81.8471, 73.5941,
104.4990

■ 31.8635, 49.7833,
13.7571

■ 29.5977, 48.6787,
10.7860

■ 27.7654, 47.7741,
8.8944

■ 26.3256, 47.0520,
7.9183

Harmonies

Analogous

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



57.6154, 61.3312, 58.5334



56.2256, 61.3312, 60.5045



55.3986, 61.3312, 64.1963

Triad

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



56.2256, 61.3312, 60.5045



57.3845, 61.3312, 75.5709



61.3520, 61.3312, 64.8486

Complementary

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



56.2256, 61.3312, 60.5045



55.5313, 56.2825, 67.6144

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.



61.2874, 61.3312, 69.4305



56.2256, 61.3312, 60.5045



58.9768, 61.3312, 75.7652

Square

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



56.2256, 61.3312, 60.5045



56.0592, 61.3312, 72.9540



60.4114, 61.3312, 73.4735



60.5863, 61.3312, 60.9631

Rectangle

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



56.2256, 61.3312, 60.5045



55.2683, 61.3312, 67.2049



60.4114, 61.3312, 73.4735



61.4271, 61.3312, 66.3554

Sweetspot

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



56.2273, 61.3338, 60.5058



93.0942, 99.0853, 104.5791



57.1739, 59.9699, 60.1927



19.9465, 21.2179, 22.4295



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.



56.2273, 61.3338, 60.5058



87.4680, 96.4509, 92.3014



55.0614, 60.7157, 61.2222



12.0799, 13.4246, 12.5666



16.2189, 29.2301, 4.7872



0.9944, 1.6795, 0.2718

Inverse Universe

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



55.5313, 56.2825, 67.6144



86.0569, 86.2105, 106.7123



56.7556, 56.9321, 66.8399



11.8523, 11.7727, 14.8913



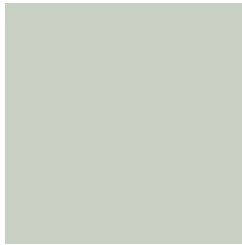
12.7574, 5.7570, 37.6313



0.8004, 0.3668, 2.1082

Previews

White Background



This preview shows how the XYZ color 56.2256, 61.3312, 60.5045 looks on a white background.

Color Contrast Check

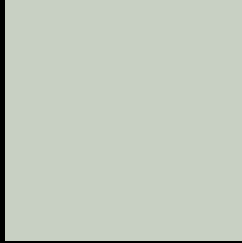
Large Text (above 18pt) WCAG AA × Fail

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 56.2256, 61.3312, 60.5045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

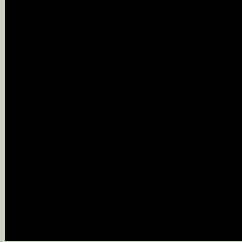
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

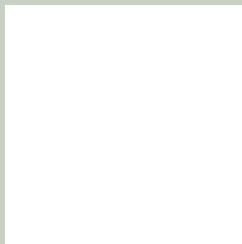
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2256, 61.3312, 60.5045

Background



This preview shows how black text looks on a background with the XYZ color 56.2256, 61.3312, 60.5045.



This preview shows how white text looks on a background with the XYZ color 56.2256, 61.3312,

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

56.2256, 61.3312, 60.5045

Protanopia

58.3699, 61.0330, 59.1562

Deuteranopia

62.2670, 60.9134, 61.2990



Tritanopia

59.4130, 61.1904, 76.3897

Trichromacy



Original Color

56.2256, 61.3312, 60.5045

Protanomaly

57.5814, 60.9676, 59.7720

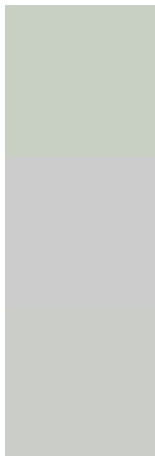
Deuteranomaly

59.9978, 61.1320, 60.8620

Tritanomaly

58.2178, 61.0623, 70.3458

Monochromacy



Original Color

56.2256, 61.3312, 60.5045

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.0025, 60.5762, 63.9464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2256, 61.3312, 60.5045 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(200, 208, 195) looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 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(200, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.2256, 61.3312, 60.5045 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(200, 208, 195) }
```


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

```
.border{ border-color:rgb(200, 208, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2256, 61.3312, 60.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 195) }
```

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

```
.background{ background-color: rgb(200,  
208, 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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