

Converting Colors

XYZ(56.0364, 61.9490, 61.2285)

Have a look what the booklet for
XYZ(56.0364, 61.9490, 61.2285)
contains.

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Color

**XYZ(56.0364, 61.9490,
61.2285)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D2C4
RGB	197, 210, 196
RGB Percent	77%, 82%, 77%
CMY	0.2274, 0.1765, 0.2314
CMYK	0.06, 0.00, 0.07, 0.18
HSL	116°, 13%, 80%
HSV	116°, 7%, 82%
XYZ	56.0364, 61.9490, 61.2285
YIQ	204.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

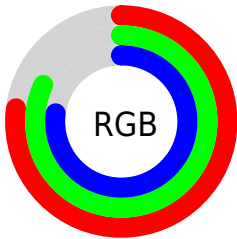
Format	Color
R_{YB}	196, 210, 209
Decimal	12964548
CIE Lab	82.89, -6.98, 5.41
CIE LCh	83, 8.831, 142.190
Yxy	61.9490, 0.3127, 0.3457
Android (android.graphics.Color)	4291154628 (0xFFC5D2C4)
YUV	204.5170, -4.1989, -6.5924
Hunter-Lab	78.7077, -10.6543, 8.9723

Details

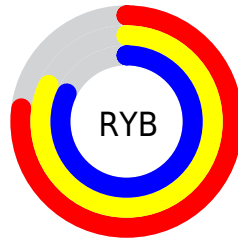
The XYZ color **56.0364, 61.9490, 61.2285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6696, 57.6900, 69.0716**, and the grayscale version is **57.7504, 60.7579, 66.1654**.

A 20% lighter version of the original color is **94.3627, 99.6827, 107.1957**, and **28.0986, 31.5696, 30.2038** is the 20% darker color. If you saturate the color by 10%, you get **49.0315, 58.5967, 49.2841**, and if you desaturate by 10%, it is **64.0400, 65.7810, 74.9688**.

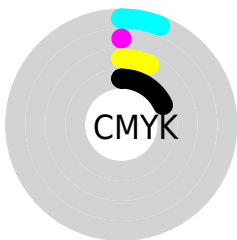
Distribution



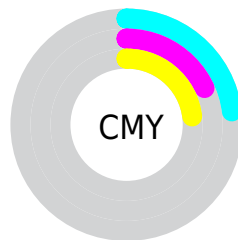
- Red (77%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (82%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0364, 61.9490, 61.2285 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 56.0364, 61.9490, 61.2285 by changing the saturation by 10% instead.

■ 56.0364, 61.9490,
61.2285

■ 56.0364, 61.9490,
61.2285

399.9015,
431.7450, 447.0410

■ 40.4692, 44.9915,
43.9778

98.1973, 107.6518,
108.1705

■ 28.0904, 31.4507,
30.3160

125.5217,
137.1659, 138.6989

■ 18.5346, 20.9423,
19.8245

157.4960,
171.6343, 174.4903

■ 11.4365, 13.0818,
12.0847

194.4853,
211.4415, 215.9632

■ 6.4307, 7.4849,
6.6782

236.8552,
256.9717, 263.5362

■ 3.1518, 3.7672,
3.1863

284.9710,

■ 1.2346, 1.5442,

308.6095, 317.6278

1.1905

339.1979,
366.7391, 378.6566

■ 0.1334, 0.3195,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0364, 61.9490,
61.2285

■ 56.0364, 61.9490,
61.2285

■ 49.0315, 58.5967,
49.2841

■ 64.0400, 65.7810,
74.9688

■ 42.9811, 55.6977,
39.0575

■ 73.0739, 70.1022,
90.5706

■ 37.8454, 53.2349,
30.4711

■ 82.3378, 74.5755,
104.6626

■ 33.5799, 51.1872,
23.4394

■ 30.1361, 49.5316,
17.8696

■ 27.4612, 48.2430,
13.6586

■ 25.4957, 47.2934,
10.6903

■ 24.1716, 46.6507,
8.8290

■ 23.4059, 46.2757,
7.8994

Harmonies

Analogous

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



57.5092, 61.9490, 58.2052



56.0364, 61.9490, 61.2285



55.3288, 61.9490, 66.0377

Triad

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



56.0364, 61.9490, 61.2285



58.3848, 61.9490, 78.3777



62.3347, 61.9490, 63.5703

Complementary

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



56.0364, 61.9490, 61.2285



57.6696, 57.6900, 69.0716

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.



62.5813, 61.9490, 68.8862



56.0364, 61.9490, 61.2285



60.2737, 61.9490, 77.6295

Square

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



56.0364, 61.9490, 61.2285



56.6655, 61.9490, 76.0760



61.8196, 61.9490, 74.0834



61.1528, 61.9490, 59.5056

Rectangle

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



56.0364, 61.9490, 61.2285



55.3755, 61.9490, 69.6894



61.8196, 61.9490, 74.0834



62.5307, 61.9490, 65.2629

Sweetspot

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



56.0381, 61.9517, 61.2299



92.5187, 98.7887, 104.5522



59.3044, 63.2093, 61.3005



19.8293, 21.1575, 22.4240



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.



56.0381, 61.9517, 61.2299



85.3086, 95.3376, 92.2004



56.4544, 62.0880, 64.7842



11.7334, 13.2460, 12.5504



14.2100, 28.1945, 4.6931



0.8225, 1.5909, 0.2637

Inverse Universe

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



57.6696, 57.6900, 69.0716



88.3500, 87.3926, 106.8197



57.2395, 57.5507, 65.3253



12.2240, 11.9643, 14.9087



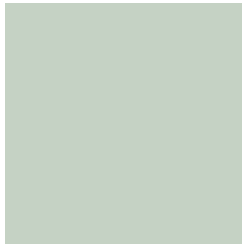
20.8608, 9.9344, 38.0105



1.1919, 0.5686, 2.1265

Previews

White Background



This preview shows how the XYZ color 56.0364, 61.9490, 61.2285 looks on a white background.

Color Contrast Check

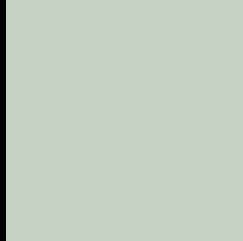
Large Text (above 18pt) WCAG AA × Fail

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 56.0364, 61.9490, 61.2285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

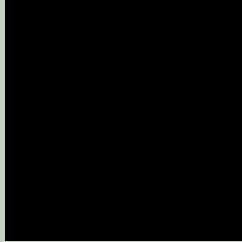
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0364, 61.9490, 61.2285

Background



This preview shows how black text looks on a background with the XYZ color 56.0364, 61.9490, 61.2285.



This preview shows how white text looks on a background with the XYZ color 56.0364, 61.9490,

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

56.0364, 61.9490, 61.2285

Protanopia

58.8975, 61.6590, 59.2492

Deuteranopia

62.9296, 61.5821, 61.9959



Tritanopia

59.3435, 61.8340, 77.9147

Trichromacy



Original Color

56.0364, 61.9490, 61.2285

Protanomaly

57.7826, 61.7861, 59.9194

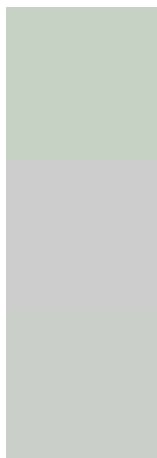
Deuteranomaly

60.0493, 61.4948, 61.5281

Tritanomaly

58.1425, 61.7091, 71.7974

Monochromacy



Original Color

56.0364, 61.9490, 61.2285

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3306, 61.4465, 64.7158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0364, 61.9490, 61.2285 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(197, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 210, 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(197, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 210, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.0364, 61.9490, 61.2285 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(197, 210, 196) }
```


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

```
.border{ border-color:rgb(197, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 210, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 210, 196); box-shadow:4px 4px 4px 4px rgb(197, 210, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0364, 61.9490, 61.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 210, 196) }
```

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

```
.background{ background-color: rgb(197,  
210, 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](#).

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