

Converting Colors

XYZ(56.8104, 61.3133, 67.9463)

Have a look what the booklet for
XYZ(56.8104, 61.3133, 67.9463)
contains.

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Color

**XYZ(56.8443, 61.4871,
67.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D0CF
RGB	197, 208, 207
RGB Percent	77%, 82%, 81%
CMY	0.2274, 0.1843, 0.1882
CMYK	0.05, 0.00, 0.00, 0.18
HSL	175°, 10%, 79%
HSV	175°, 5%, 82%
XYZ	56.8443, 61.4871, 67.9037
YIQ	204.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

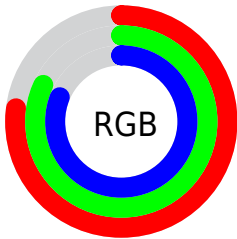
Format	Color
RYB	197, 203, 208
Decimal	12964047
CIELab	82.64, -3.91, -0.80
CIElCh	83, 3.991, 191.629
Yxy	61.4871, 0.3052, 0.3302
Android (android.graphics.Color)	4291154127 (0xFFC5D0CF)
YUV	204.5970, 1.1847, -6.6626
Hunter-Lab	78.4137, -7.8243, 3.5464

Details

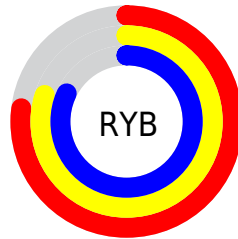
The XYZ color **56.8443, 61.4871, 67.9037** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1739, 57.4212, 61.5516**, and the grayscale version is **57.7694, 60.7780, 66.1872**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.6331, 31.2507, 34.6599** is the 20% darker color. If you saturate the color by 10%, you get **51.5391, 58.7805, 66.4533**, and if you desaturate by 10%, it is **62.9073, 64.5874, 69.4066**.

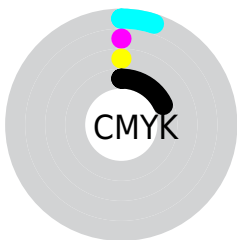
Distribution



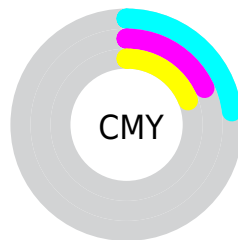
- Red (77%)
- Green (82%)
- Blue (81%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8443, 61.4871, 67.9037 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 56.8443, 61.4871, 67.9037 by changing the saturation by 10% instead.

■ 56.8443, 61.4871,
67.9037

■ 56.8443, 61.4871,
67.9037

402.8892,
430.0577, 471.7435

■ 41.1199, 44.6184,
49.3532

99.3706, 106.9839,
117.8673

■ 28.6009, 31.1570,
34.5322

126.9033,
136.3808, 150.1174

■ 18.9219, 20.7184,
23.0221

159.1027,
170.7225, 187.7712

■ 11.7175, 12.9183,
14.4043

196.3343,
210.3935, 231.2472

■ 6.6224, 7.3723,
8.2605

238.9634,
255.7781, 280.9638

■ 3.2713, 3.6960,
4.1719

287.3553,

■ 1.2988, 1.5050,

307.2608, 337.3398

1.7201

341.8755,
365.2258, 400.7935

■ 0.1823, 0.2923,
0.3745

■ 0.0000, 0.0000,
0.0000

■ 56.8443, 61.4871,
67.9037

■ 56.8443, 61.4871,
67.9037

■ 51.5391, 58.7805,
66.4533

■ 62.9073, 64.5874,
69.4066

■ 46.9559, 56.4441,
65.0499

■ 69.7517, 68.0886,
70.9595

■ 43.0638, 54.4636,
63.6933

■ 75.7682, 71.1626,
72.4882

■ 39.8274, 52.8209,
62.3818

■ 76.0100, 71.2593,
73.7614

37.2087, 51.4962,
61.1136

76.2546, 71.3572,
75.0494

35.1651, 50.4678,
59.8865

76.5020, 71.4561,
76.3524

33.6491, 49.7110,
58.6984

76.7523, 71.5562,
77.6703

32.6054, 49.1974,
57.5466

77.0054, 71.6575,
79.0033

31.9664, 48.8920,
56.4278

77.2614, 71.7599,
80.3513

Harmonies

Analogous

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



56.8935, 61.4871, 65.4744



56.8443, 61.4871, 67.9037



57.2200, 61.4871, 70.1295

Triad

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



56.8443, 61.4871, 67.9037



59.5419, 61.4871, 70.5345



58.9619, 61.4871, 62.5744

Complementary

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



56.8443, 61.4871, 67.9037



56.1739, 57.4212, 61.5516

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.



59.6805, 61.4871, 63.8662



56.8443, 61.4871, 67.9037



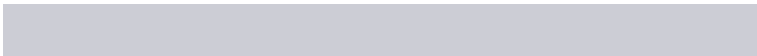
60.0176, 61.4871, 68.4456

Square

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



56.8443, 61.4871, 67.9037



58.7741, 61.4871, 71.6729



60.0686, 61.4871, 66.0033



58.1105, 61.4871, 62.4373

Rectangle

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



56.8443, 61.4871, 67.9037



57.6630, 61.4871, 71.1828



60.0686, 61.4871, 66.0033



59.2272, 61.4871, 62.8865

Sweetspot

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



56.8461, 61.4897, 67.9051



93.1237, 99.0156, 108.4195



55.9508, 61.1650, 61.6812



19.9525, 21.2037, 23.2113



0.0000, 0.0000, 0.0000



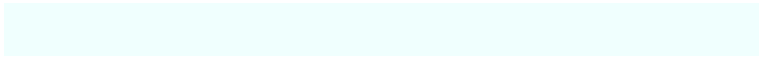
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.8461, 61.4897, 67.9051



89.4196, 97.1233, 107.4682



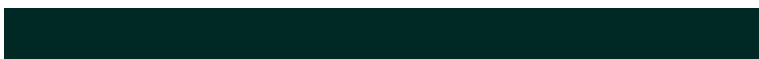
55.9108, 59.4223, 68.2005



12.4531, 13.5629, 15.0270



19.8040, 30.4145, 34.9435



1.1212, 1.7061, 2.0270

Inverse Universe

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



56.1739, 57.4212, 61.5516



88.2033, 89.7602, 95.9703



57.0727, 59.4032, 61.2820



12.2689, 12.4482, 13.2864



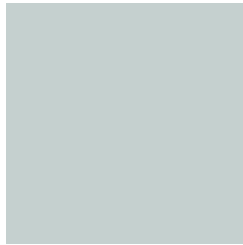
16.3011, 8.3933, 1.2259



0.9269, 0.4755, 0.1498

Previews

White Background



This preview shows how the XYZ color 56.8443, 61.4871, 67.9037 looks on a white background.

Color Contrast Check

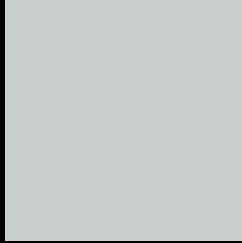
Large Text (above 18pt) WCAG AA × Fail

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 56.8443, 61.4871, 67.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

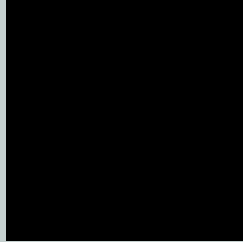
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

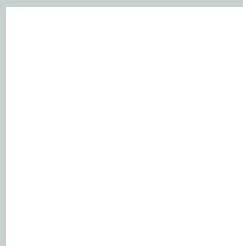
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8443, 61.4871, 67.9037

Background



This preview shows how black text looks on a background with the XYZ color 56.8443, 61.4871, 67.9037.



This preview shows how white text looks on a background with the XYZ color 56.8443, 61.4871, 67.9037.

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

56.8443, 61.4871, 67.9037

Protanopia

58.9068, 61.1488, 66.4558

Deuteranopia

62.6725, 61.2976, 68.8500



Tritanopia

58.8093, 61.5587, 77.8897

Trichromacy



Original Color

56.8443, 61.4871, 67.9037

Protanomaly

58.1487, 61.0980, 67.1208

Deuteranomaly

60.2373, 61.0913, 68.2915

Tritanomaly

58.1259, 61.6412, 74.4800

Monochromacy



Original Color

56.8443, 61.4871, 67.9037

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5690, 61.1554, 67.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8443, 61.4871, 67.9037 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, 208, 207) looks like.

```
.text, #text, p{  
    color:rgb(197, 208, 207)  
}
```

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, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.8443, 61.4871, 67.9037 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, 208, 207) }
```


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

```
.border{ border-color:rgb(197, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8443, 61.4871, 67.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 208, 207) }
```

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

```
.background{ background-color: rgb(197,  
208, 207) }
```

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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