

Converting Colors

XYZ(56.9443, 57.0915, 88.2542)

Have a look what the booklet for
XYZ(56.9443, 57.0915, 88.2542)
contains.

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Color

**XYZ(56.9905, 57.2534,
88.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C5ED
RGB	192, 197, 237
RGB Percent	75%, 77%, 93%
CMY	0.2471, 0.2274, 0.0706
CMYK	0.19, 0.17, 0.00, 0.07
HSL	233°, 56%, 84%
HSV	233°, 19%, 93%
XYZ	56.9905, 57.2534, 88.1681
YIQ	200.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

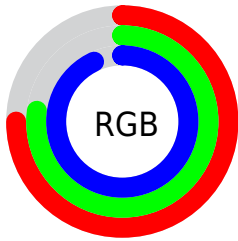
Format	Color
R_{YB}	192, 197, 237
Decimal	12633581
CIE _{Lab}	80.32, 6.44, -20.34
CIE _{LCh}	80, 21.338, 287.574
Yxy	57.2534, 0.2816, 0.2829
Android (android.graphics.Color)	4290823661 (0xFFC0C5ED)
YUV	200.0650, 18.2090, -7.0730
Hunter-Lab	75.6660, 2.0281, -16.1202

Details

The XYZ color **56.9905, 57.2534, 88.1681** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.2965, 79.5234, 61.3569**, and the grayscale version is **54.8396, 57.6955, 62.8304**.

A 20% lighter version of the original color is **92.5587, 98.2434, 108.6922**, and **28.6442, 28.3844, 47.6851** is the 20% darker color. If you saturate the color by 10%, you get **47.0124, 45.4992, 86.4261**, and if you desaturate by 10%, it is **68.6068, 70.8472, 90.1807**.

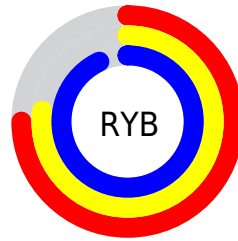
Distribution



Red (75%)

Green (77%)

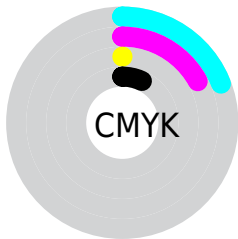
Blue (93%)



Red (75%)

Yellow (77%)

Blue (93%)

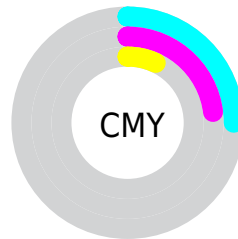


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (23%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9905, 57.2534, 88.1681 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 56.9905, 57.2534, 88.1681 by changing the saturation by 10% instead.

■ 56.9905, 57.2534,
88.1681

■ 56.9905, 57.2534,
88.1681

403.4285,
414.3982, 542.4691

■ 41.2377, 41.2087,
65.8972

■ 99.5828, 100.8348,
146.7044

■ 28.6934, 28.4822,
47.7330

127.1530,
129.1404, 183.8068

■ 18.9921, 18.6895,
33.2570

159.3930,
162.3017, 226.6901

■ 11.7685, 11.4461,
22.0507

196.6683,
200.7031, 275.7728

■ 6.6573, 6.3677,
13.6955

239.3441,
244.7291, 331.4736

■ 3.2932, 3.0700,
7.7728

287.7858,

■ 1.3106, 1.1684,

294.7640, 394.2109

3.8643

342.3588,
351.1922, 464.4032

■ 0.1912, 0.0356,
1.5512

■ 0.0000, 0.0000,
0.2556

■ 56.9905, 57.2534,
88.1681

■ 56.9905, 57.2534,
88.1681

■ 47.0124, 45.4992,
86.4261

■ 68.6068, 70.8472,
90.1807

■ 38.5935, 35.4986,
84.9396

■ 81.9251, 86.3478,
92.4706

■ 31.6562, 27.1694,
83.6975

■ 92.2862, 98.8945,
94.3463

■ 26.1139, 20.4197,
82.6868

■ 21.8712, 15.1490,
81.8930

■ 18.8204, 11.2447,
81.3002

■ 16.8361, 8.5780,
80.8901

■ 15.7430, 6.9834,
80.6399

■ 15.6633, 6.8687,
80.6220

Harmonies

Analogous

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



52.6320, 57.2534, 88.8737



56.9905, 57.2534, 88.1681



60.8490, 57.2534, 79.9965

Triad

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



56.9905, 57.2534, 88.1681



60.2767, 57.2534, 46.2309



46.6281, 57.2534, 57.3100

Complementary

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



56.9905, 57.2534, 88.1681



73.2965, 79.5234, 61.3569

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.



48.4562, 57.2534, 47.4924



56.9905, 57.2534, 88.1681



56.2432, 57.2534, 41.6939

Square

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



56.9905, 57.2534, 88.1681



62.8149, 57.2534, 55.3617



51.9234, 57.2534, 42.1225



46.8043, 57.2534, 69.8796

Rectangle

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



56.9905, 57.2534, 88.1681



62.5479, 57.2534, 71.9632



51.9234, 57.2534, 42.1225



47.0244, 57.2534, 53.6140

Sweetspot

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



56.9923, 57.2557, 88.1694



85.4575, 88.8409, 107.2517



66.5535, 77.5879, 87.6271



18.0775, 18.7664, 22.9194



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.



56.9923, 57.2557, 88.1694



62.2313, 61.6531, 103.2280



60.5022, 57.4068, 88.0136



14.3660, 14.8184, 19.0253



8.5980, 3.8430, 44.0316



0.7199, 0.3914, 3.4725

Inverse Universe

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



63.8541, 59.7364, 60.9907



71.8229, 65.2035, 65.2185



69.2393, 79.5519, 61.5762



15.1335, 15.0813, 15.9885



19.1952, 9.8808, 1.5632



1.5299, 0.7849, 0.2418

Previews

White Background



This preview shows how the XYZ color 56.9905, 57.2534, 88.1681 looks on a white background.

Color Contrast Check

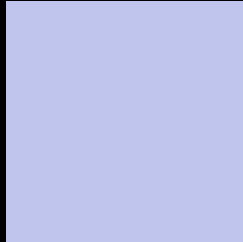
Large Text (above 18pt) WCAG AA × Fail

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 56.9905, 57.2534, 88.1681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

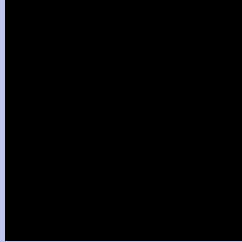
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9905, 57.2534, 88.1681

Background



This preview shows how black text looks on a background with the XYZ color 56.9905, 57.2534, 88.1681.



This preview shows how white text looks on a background with the XYZ color 56.9905, 57.2534,

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

56.9905, 57.2534, 88.1681

Protanopia

56.7382, 57.1233, 88.1562

Deuteranopia

58.6206, 57.4240, 88.1151



Tritanopia

54.0204, 57.4225, 73.2022

Trichromacy



Original Color

56.9905, 57.2534, 88.1681

Protanomaly

56.7382, 57.1233, 88.1562

Deuteranomaly

58.0519, 57.4646, 88.1529

Tritanomaly

55.0951, 57.5092, 78.7176

Monochromacy



Original Color

56.9905, 57.2534, 88.1681

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4596, 57.5213, 71.1305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9905, 57.2534, 88.1681 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(192, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 237)  
}
```

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(192, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 237) }
```

Border

The CSS property to change the border of an element to XYZ 56.9905, 57.2534, 88.1681 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(192, 197, 237) }
```


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

```
.border{ border-color:rgb(192, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 237);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9905, 57.2534, 88.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 237) }
```

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

```
.background{ background-color: rgb(192,  
197, 237) }
```

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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