

Converting Colors

XYZ(56.7532, 56.7095, 91.9592)

Have a look what the booklet for
XYZ(56.7532, 56.7095, 91.9592)
contains.

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Color

**XYZ(56.7532, 56.7095,
91.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC4F2
RGB	189, 196, 242
RGB Percent	74%, 77%, 95%
CMY	0.2588, 0.2314, 0.0510
CMYK	0.22, 0.19, 0.00, 0.05
HSL	232°, 67%, 85%
HSV	232°, 22%, 95%
XYZ	56.7532, 56.7095, 91.9592
YIQ	199.1510, -18.9380, 12.8220

Conversions

Conversions Part 2

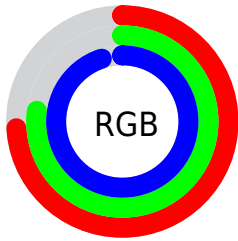
Format	Color
RYB	189, 195, 242
Decimal	12436722
CIELab	80.02, 7.18, -23.50
CIELCh	80, 24.576, 286.977
Yxy	56.7095, 0.2763, 0.2761
Android (android.graphics.Color)	4290626802 (0xFFBDC4F2)
YUV	199.1510, 21.1246, -8.9024
Hunter-Lab	75.3057, 2.7393, -19.6877

Details

The XYZ color **56.7532, 56.7095, 91.9592** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.5122, 81.9681, 59.9871**, and the grayscale version is **54.2630, 57.0889, 62.1699**.

A 20% lighter version of the original color is **91.1813, 97.0634, 108.5371**, and **28.5276, 28.0421, 50.3635** is the 20% darker color. If you saturate the color by 10%, you get **46.8334, 45.0494, 90.2324**, and if you desaturate by 10%, it is **68.3413, 70.2168, 93.9566**.

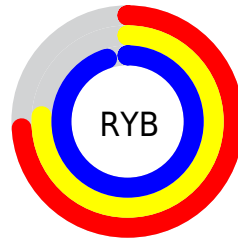
Distribution



Red (74%)

Green (77%)

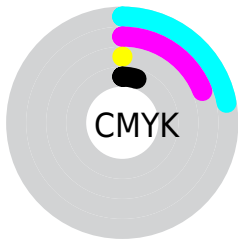
Blue (95%)



Red (74%)

Yellow (76%)

Blue (95%)

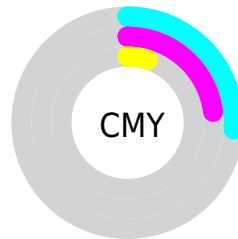


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7532, 56.7095, 91.9592 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 56.7532, 56.7095, 91.9592 by changing the saturation by 10% instead.

■ 56.7532, 56.7095,
91.9592

■ 56.7532, 56.7095,
91.9592

402.5530,
412.3599, 555.1174

■ 41.0465, 40.7721,
69.0239

■ 99.2384, 100.0412,
152.0160

■ 28.5432, 28.1410,
50.2593

126.7477,
128.2042, 189.9747

■ 18.8781, 18.4320,
35.2468

158.9218,
161.2112, 233.7782

■ 11.6857, 11.2606,
23.5680

196.1261,
199.4466, 283.8450

■ 6.6007, 6.2424,
14.8043

238.7261,
243.2948, 340.5939

■ 3.2578, 2.9930,
8.5370

287.0870,

■ 1.2915, 1.1281,

293.1401, 404.4432

4.3478

341.5742,
349.3670, 475.8115

■ 0.1768, 0.0018,
1.8180

■ 0.0000, 0.0000,
0.4398

■ 56.7532, 56.7095,
91.9592

■ 56.7532, 56.7095,
91.9592

■ 46.8334, 45.0494,
90.2324

■ 68.3413, 70.2168,
93.9566

■ 38.4995, 35.1494,
88.7607

■ 81.6645, 85.6399,
96.2313

■ 31.6701, 26.9252,
87.5332

■ 93.0272, 99.1909,
98.2480

■ 26.2543, 20.2832,
86.5366

■ 22.1514, 15.1202,
85.7563

■ 19.2467, 11.3205,
85.1760

■ 17.4052, 8.7506,
84.7770

■ 16.5429, 7.4423,
84.5699

Harmonies

Analogous

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



51.7657, 56.7095, 92.6010



56.7532, 56.7095, 91.9592



61.2296, 56.7095, 82.4744

Triad

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



56.7532, 56.7095, 91.9592



60.7211, 56.7095, 43.7458



45.0764, 56.7095, 55.7551

Complementary

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



56.7532, 56.7095, 91.9592



75.5122, 81.9681, 59.9871

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.



47.1812, 56.7095, 44.8205



56.7532, 56.7095, 91.9592



56.0935, 56.7095, 38.6431

Square

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



56.7532, 56.7095, 91.9592



63.6157, 56.7095, 54.0606



51.1454, 56.7095, 39.0035



45.2288, 56.7095, 70.1295

Rectangle

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



56.7532, 56.7095, 91.9592



63.2296, 56.7095, 73.1387



51.1454, 56.7095, 39.0035



45.5377, 56.7095, 51.6042

Sweetspot

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



56.7550, 56.7118, 91.9605



84.0406, 87.2813, 107.0253



67.7254, 80.3185, 90.4813



17.7949, 18.4580, 22.8748



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.



56.7550, 56.7118, 91.9605



59.0325, 58.1417, 102.7189



60.3604, 56.2803, 91.6872



15.0656, 15.5653, 19.9320



8.9418, 4.1078, 45.4495



0.7967, 0.4474, 3.7986

Inverse Universe

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



64.7808, 59.2595, 60.2510



69.5038, 61.5785, 61.3220



71.2367, 82.7987, 60.3728



15.8578, 15.7928, 16.8074



19.8390, 10.2080, 1.8029



1.6771, 0.8599, 0.2904

Previews

White Background



This preview shows how the XYZ color 56.7532, 56.7095, 91.9592 looks on a white background.

Color Contrast Check

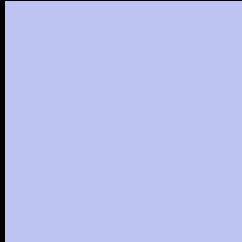
Large Text (above 18pt) WCAG AA × Fail

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 56.7532, 56.7095, 91.9592 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 56.7532, 56.7095, 91.9592

Background



This preview shows how black text looks on a background with the XYZ color 56.7532, 56.7095, 91.9592.



This preview shows how white text looks on a background with the XYZ color 56.7532, 56.7095,

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

56.7532, 56.7095, 91.9592

Protanopia

56.5060, 56.5820, 91.9476

Deuteranopia

57.8245, 56.5965, 91.8809



Tritanopia

52.8161, 56.4568, 73.0793

Trichromacy



Original Color

56.7532, 56.7095, 91.9592

Protanomaly

56.5060, 56.5820, 91.9476

Deuteranomaly

57.5344, 56.7785, 91.9314

Tritanomaly

54.2637, 56.7222, 79.3226

Monochromacy



Original Color

56.7532, 56.7095, 91.9592

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9655, 56.8966, 72.3751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7532, 56.7095, 91.9592 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(189, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(189, 196, 242)  
}
```

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(189, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 242) }
```

Border

The CSS property to change the border of an element to XYZ 56.7532, 56.7095, 91.9592 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(189, 196, 242) }
```


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

```
.border{ border-color:rgb(189, 196, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 196, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(189, 196,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7532, 56.7095, 91.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 196, 242) }
```

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

```
.background{ background-color: rgb(189,  
196, 242) }
```

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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