

Converting Colors

XYZ(56.8021, 57.2977, 92.8598)

Have a look what the booklet for
XYZ(56.8021, 57.2977, 92.8598)
contains.

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Color

**XYZ(56.8653, 57.4240,
92.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC6F3
RGB	187, 198, 243
RGB Percent	73%, 78%, 95%
CMY	0.2667, 0.2235, 0.0471
CMYK	0.23, 0.19, 0.00, 0.05
HSL	228°, 70%, 84%
HSV	228°, 23%, 95%
XYZ	56.8653, 57.4240, 92.8808
YIQ	199.8410, -21.0010, 11.6630

Conversions

Conversions Part 2

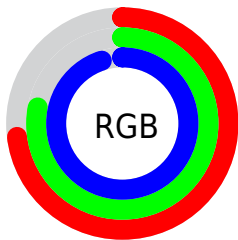
Format	Color
R_{YB}	187, 196, 243
Decimal	12306163
CIE _{Lab}	80.42, 5.72, -23.44
CIE _{LCh}	80, 24.130, 283.717
Yxy	57.4240, 0.2745, 0.2772
Android (android.graphics.Color)	4290496243 (0xFFBBC6F3)
YUV	199.8410, 21.2774, -11.2616
Hunter-Lab	75.7786, 1.3362, -19.6259

Details

The XYZ color **56.8653, 57.4240, 92.8808** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7892, 80.3563, 58.5840**, and the grayscale version is **54.6859, 57.5338, 62.6543**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.6158, 28.5209, 51.0106** is the 20% darker color. If you saturate the color by 10%, you get **47.2370, 46.2576, 91.2339**, and if you desaturate by 10%, it is **68.0785, 70.2644, 94.7692**.

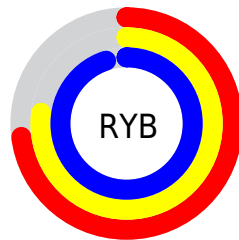
Distribution



Red (73%)

Green (78%)

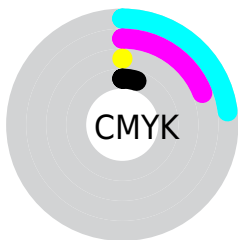
Blue (95%)



Red (73%)

Yellow (77%)

Blue (95%)

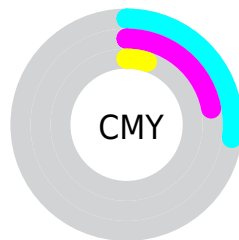


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8653, 57.4240, 92.8808 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 56.8653, 57.4240, 92.8808 by changing the saturation by 10% instead.

■ 56.8653, 57.4240,
92.8808

■ 56.8653, 57.4240,
92.8808

402.9667,
415.0362, 558.1682

■ 41.1368, 41.3458,
69.7853

■ 99.4011, 101.0836,
153.3038

■ 28.6142, 28.5893,
50.8758

126.9392,
129.4337, 191.4685

■ 18.9319, 18.7704,
35.7337

159.1444,
162.6433, 235.4933

■ 11.7248, 11.5045,
23.9406

196.3823,
201.0967, 285.7967

■ 6.6275, 6.4072,
15.0777

239.0181,
245.1782, 342.7974

■ 3.2745, 3.0943,
8.7267

287.4172,

■ 1.3005, 1.1811,

295.2724, 406.9139

4.4690

341.9450,
351.7636, 478.5646

■ 0.1836, 0.0462,
1.8860

■ 0.0000, 0.0000,
0.4838

■ 56.8653, 57.4240,
92.8808

■ 56.8653, 57.4240,
92.8808

■ 47.2370, 46.2576,
91.2339

■ 68.0785, 70.2644,
94.7692

■ 39.1156, 36.6884,
89.8149

■ 80.9389, 84.8374,
96.9042

■ 32.4249, 28.6440,
88.6148

■ 93.1778, 99.2511,
99.0413

■ 27.0794, 22.0435,
87.6225

■ 22.9842, 16.7981,
86.8259

■ 20.0314, 12.8087,
86.2115

■ 18.0931, 9.9611,
85.7640

■ 17.2241, 8.5637,
85.5401

Harmonies

Analogous

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



51.9574, 57.4240, 92.4705



56.8653, 57.4240, 92.8808



61.4172, 57.4240, 84.3405

Triad

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



56.8653, 57.4240, 92.8808



61.7434, 57.4240, 45.5329



45.9533, 57.4240, 55.1974

Complementary

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



56.8653, 57.4240, 92.8808



74.7892, 80.3563, 58.5840

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.



48.2697, 57.4240, 44.8385



56.8653, 57.4240, 92.8808



57.2890, 57.4240, 39.8623

Square

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



56.8653, 57.4240, 92.8808



64.3463, 57.4240, 56.2884



52.3564, 57.4240, 39.6289



45.8552, 57.4240, 69.2060

Rectangle

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



56.8653, 57.4240, 92.8808



63.5553, 57.4240, 75.3729



52.3564, 57.4240, 39.6289



46.4918, 57.4240, 51.2269

Sweetspot

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



56.8671, 57.4263, 92.8821



84.3789, 87.9579, 107.1381



67.0825, 80.4820, 88.1952



17.8730, 18.6142, 22.9008



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.



56.8671, 57.4263, 92.8821



57.8303, 57.5787, 102.6736



58.7966, 54.8226, 92.2778



15.8447, 16.4537, 20.8833



9.5271, 4.8480, 46.9717



0.9061, 0.5636, 4.1513

Inverse Universe

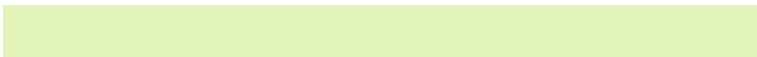
The Inverse Universe completely reimagines the original color for something new.



64.9270, 58.6743, 61.3317



68.4475, 59.4350, 61.0651



72.4483, 83.8913, 59.3897



16.6322, 16.5357, 17.8097



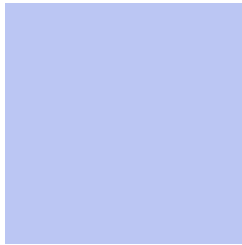
20.6134, 10.5888, 2.6724



1.8464, 0.9445, 0.4177

Previews

White Background



This preview shows how the XYZ color 56.8653, 57.4240, 92.8808 looks on a white background.

Color Contrast Check

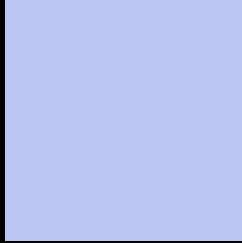
Large Text (above 18pt) WCAG AA × Fail

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 56.8653, 57.4240, 92.8808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

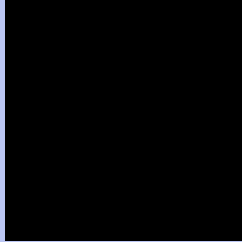
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8653, 57.4240, 92.8808

Background



This preview shows how black text looks on a background with the XYZ color 56.8653, 57.4240, 92.8808.



This preview shows how white text looks on a background with the XYZ color 56.8653, 57.4240,

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

56.8653, 57.4240, 92.8808

Protanopia

57.1302, 57.2224, 92.8280

Deuteranopia

58.6092, 57.2976, 93.5585



Tritanopia

53.0668, 57.2481, 74.5827

Trichromacy



Original Color

56.8653, 57.4240, 92.8808

Protanomaly

56.8830, 57.0949, 92.8164

Deuteranomaly

58.0614, 57.3490, 93.5972

Tritanomaly

54.5189, 57.5097, 80.9001

Monochromacy



Original Color

56.8653, 57.4240, 92.8808

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.3238, 57.4068, 73.1305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8653, 57.4240, 92.8808 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(187, 198, 243)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 243)  
}
```

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(187, 198, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 243) }
```

Border

The CSS property to change the border of an element to XYZ 56.8653, 57.4240, 92.8808 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(187, 198, 243) }
```


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

```
.border{ border-color:rgb(187, 198, 243) }
```

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

Here you see how a box with a 4 pixel rgb(187, 198, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 243);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8653, 57.4240, 92.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 243) }
```

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

```
.background{ background-color: rgb(187,  
198, 243) }
```

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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