

Converting Colors

XYZ(55.8235, 54.4944, 91.4345)

Have a look what the booklet for
XYZ(55.8235, 54.4944, 91.4345)
contains.

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Color

**XYZ(55.8930, 54.6196,
91.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBFF2
RGB	190, 191, 242
RGB Percent	75%, 75%, 95%
CMY	0.2549, 0.2510, 0.0510
CMYK	0.21, 0.21, 0.00, 0.05
HSL	239°, 67%, 85%
HSV	239°, 21%, 95%
XYZ	55.8930, 54.6196, 91.6012
YIQ	196.5150, -16.9670, 15.6490

Conversions

Conversions Part 2

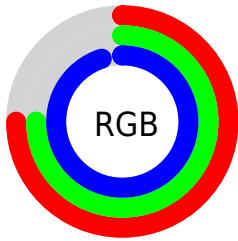
Format	Color
R _Y B	190, 191, 242
Decimal	12500978
CIE Lab	78.82, 10.19, -25.32
CIE LCh	79, 27.290, 291.915
Yxy	54.6196, 0.2765, 0.2702
Android (android.graphics.Color)	4290691058 (0xFFBEBFF2)
YUV	196.5150, 22.4241, -5.7137
Hunter-Lab	73.9051, 5.6623, -21.7531

Details

The XYZ color **55.8930, 54.6196, 91.6012** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.3680, 85.5055, 61.1431**, and the grayscale version is **52.6568, 55.3990, 60.3295**.

A 20% lighter version of the original color is **89.6685, 93.5157, 107.9320**, and **28.1047, 26.9564, 50.1762** is the 20% darker color. If you saturate the color by 10%, you get **45.5800, 42.2331, 89.7548**, and if you desaturate by 10%, it is **68.0517, 69.2051, 93.7766**.

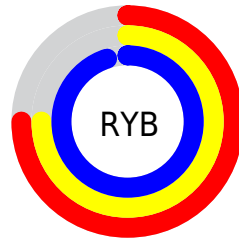
Distribution



Red (75%)

Green (75%)

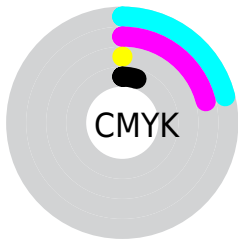
Blue (95%)



Red (75%)

Yellow (75%)

Blue (95%)

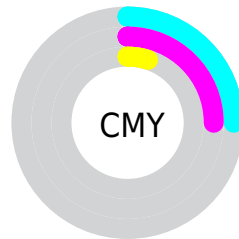


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8930, 54.6196, 91.6012 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 55.8930, 54.6196, 91.6012 by changing the saturation by 10% instead.

■ 55.8930, 54.6196,
91.6012

■ 55.8930, 54.6196,
91.6012

399.3697,
404.4683, 553.9298

■ 40.3538, 39.0972,
68.7283

■ 97.9888, 96.9834,
151.5154

■ 27.9999, 26.8354,
50.0201

125.2762,
124.5936, 189.3938

■ 18.4661, 17.4496,
35.0580

157.2103,
157.0019, 233.1111

■ 11.3868, 10.5556,
23.4237

194.1565,
194.5927, 283.0858

■ 6.3969, 5.7689,
14.6984

236.4802,
237.7503, 339.7365

■ 3.1308, 2.7050,
8.4637

284.5467,

■ 1.2233, 0.9798,

286.8592, 403.4817

4.3011

338.7215,
342.3037, 474.7399

■ 0.1247, 0.0000,
1.7919

■ 0.0000, 0.0000,
0.4226

■ 55.8930, 54.6196,
91.6012

■ 55.8930, 54.6196,
91.6012

■ 45.5800, 42.2331,
89.7548

■ 68.0517, 69.2051,
93.7766

■ 37.0176, 31.9329,
88.2180

■ 82.1346, 86.0821,
96.2919

■ 30.1102, 23.6062,
86.9748

■ 93.0272, 99.1909,
98.2480

■ 24.7510, 17.1269,
86.0066

■ 20.8206, 12.3543,
85.2926

■ 18.1824, 9.1277,
84.8088

■ 16.6729, 7.2556,
84.5271

■ 16.0778, 6.5121,
84.4149

Harmonies

Analogous

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



50.4654, 54.6196, 94.0989



55.8930, 54.6196, 91.6012



60.5370, 54.6196, 79.7985

Triad

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



55.8930, 54.6196, 91.6012



58.5966, 54.6196, 38.9752



42.2843, 54.6196, 55.3803

Complementary

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



55.8930, 54.6196, 91.6012



77.3680, 85.5055, 61.1431

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.



44.1519, 54.6196, 42.9275



55.8930, 54.6196, 91.6012



53.3907, 54.6196, 34.5901

Square

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



55.8930, 54.6196, 91.6012



62.1718, 54.6196, 49.0342



48.1290, 54.6196, 35.8995



42.8520, 54.6196, 71.2938

Rectangle

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



55.8930, 54.6196, 91.6012



62.4403, 54.6196, 69.2041



48.1290, 54.6196, 35.8995



42.6432, 54.6196, 50.6970

Sweetspot

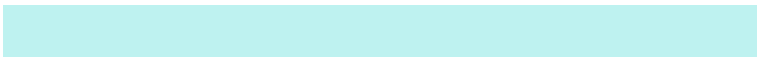
The Sweet Spot groups the original color and five complimentary colors.



55.8947, 54.6218, 91.6024



85.0420, 88.0099, 107.1132



68.7563, 80.7596, 94.6112



17.9797, 18.5708, 22.8868



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.



55.8947, 54.6218, 91.6024



57.3705, 54.8176, 102.1648



62.2512, 57.5754, 91.8375



14.9217, 15.2775, 19.8840



8.6482, 3.5207, 45.3516



0.7280, 0.3100, 3.7757

Inverse Universe

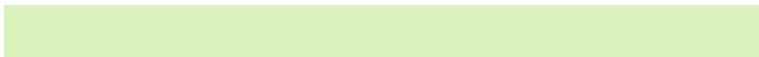
The Inverse Universe completely reimagines the original color for something new.



64.4368, 59.4672, 57.3748



68.6649, 61.2430, 56.9043



69.8813, 82.0874, 60.8779



15.7852, 15.7638, 16.4249



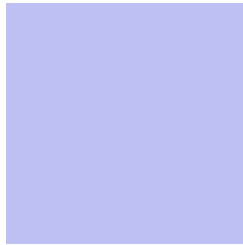
19.6909, 10.1488, 1.0227



1.6424, 0.8460, 0.1078

Previews

White Background



This preview shows how the XYZ color 55.8930, 54.6196, 91.6012 looks on a white background.

Color Contrast Check

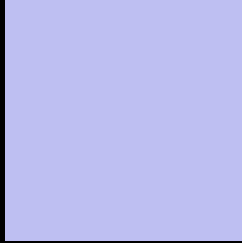
Large Text (above 18pt) WCAG AA × Fail

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 55.8930, 54.6196, 91.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

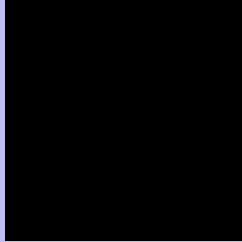
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8930, 54.6196, 91.6012

Background



This preview shows how black text looks on a background with the XYZ color 55.8930, 54.6196, 91.6012.



This preview shows how white text looks on a background with the XYZ color 55.8930, 54.6196,

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

55.8930, 54.6196, 91.6012

Protanopia

54.7761, 54.6783, 92.4610

Deuteranopia

55.8930, 54.6196, 91.6012



Tritanopia

51.3908, 54.4237, 70.0836

Trichromacy



Original Color

55.8930, 54.6196, 91.6012

Protanomaly

55.2770, 54.6094, 92.4213

Deuteranomaly

55.8930, 54.6196, 91.6012

Tritanomaly

52.8608, 54.3504, 77.5167

Monochromacy



Original Color

55.8930, 54.6196, 91.6012

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7735, 55.3036, 70.7913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8930, 54.6196, 91.6012 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(190, 191, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 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(190, 191, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 242) }
```

Border

The CSS property to change the border of an element to XYZ 55.8930, 54.6196, 91.6012 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(190, 191, 242) }
```


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

```
.border{ border-color:rgb(190, 191, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8930, 54.6196, 91.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 242) }
```

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

```
.background{ background-color: rgb(190,  
191, 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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