

Converting Colors

XYZ(55.5191, 54.1891, 90.6375)

Have a look what the booklet for
XYZ(55.5191, 54.1891, 90.6375)
contains.

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Color

**XYZ(55.5258, 54.1249,
90.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBEF1
RGB	190, 190, 241
RGB Percent	75%, 75%, 95%
CMY	0.2549, 0.2549, 0.0549
CMYK	0.21, 0.21, 0.00, 0.05
HSL	240°, 65%, 85%
HSV	240°, 21%, 95%
XYZ	55.5258, 54.1249, 90.7397
YIQ	195.8140, -16.3710, 15.8610

Conversions

Conversions Part 2

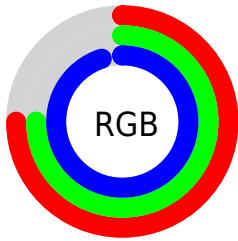
Format	Color
R _Y B	190, 190, 241
Decimal	12500721
CIE Lab	78.53, 10.50, -25.22
CIE LCh	79, 27.319, 292.611
Yxy	54.1249, 0.2771, 0.2701
Android (android.graphics.Color)	4290690801 (0xFFBEBEF1)
YUV	195.8140, 22.2767, -5.0989
Hunter-Lab	73.5696, 5.9739, -21.6287

Details

The XYZ color **55.5258, 54.1249, 90.7397** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.0257, 85.3291, 61.1271**, and the grayscale version is **52.2371, 54.9575, 59.8487**.

A 20% lighter version of the original color is **89.3635, 92.9057, 107.8304**, and **27.8560, 26.6283, 49.5706** is the 20% darker color. If you saturate the color by 10%, you get **45.2017, 41.6852, 88.8836**, and if you desaturate by 10%, it is **67.7116, 68.8081, 92.9325**.

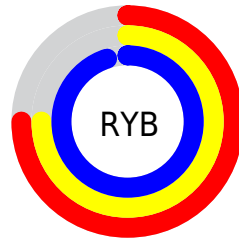
Distribution



Red (75%)

Green (75%)

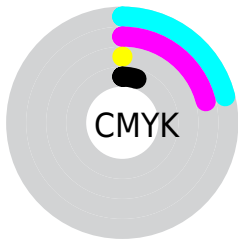
Blue (95%)



Red (75%)

Yellow (75%)

Blue (95%)

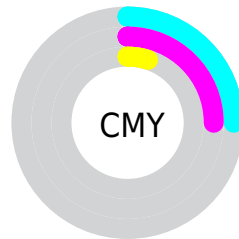


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5258, 54.1249, 90.7397 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 55.5258, 54.1249, 90.7397 by changing the saturation by 10% instead.

■ 55.5258, 54.1249,
90.7397

■ 55.5258, 54.1249,
90.7397

398.0060,
402.5861, 551.0662

■ 40.0584, 38.7015,
68.0171

■ 97.4547, 96.2576,
150.3099

■ 27.7685, 26.5276,
49.4449

124.6470,
123.7357, 187.9947

■ 18.2908, 17.2188,
34.6044

156.4781,
156.0009, 231.5039

■ 11.2599, 10.3906,
23.0772

193.3137,
193.4375, 281.2562

■ 6.3105, 5.6587,
14.4447

235.5188,
236.4299, 337.6700

■ 3.0772, 2.6387,
8.2883

283.4591,

■ 1.1947, 0.9461,

285.3626, 401.1639

4.1896

337.4997,
340.6198, 472.1565

■ 0.1022, 0.0000,
1.7299

■ 0.0000, 0.0000,
0.3811

■ 55.5258, 54.1249,
90.7397

■ 55.5258, 54.1249,
90.7397

■ 45.2017, 41.6852,
88.8836

■ 67.7116, 68.8081,
92.9325

■ 36.6428, 31.3724,
87.3442

■ 81.8390, 85.8305,
95.4735

■ 29.7520, 23.0694,
86.1047

■ 92.8774, 99.1309,
97.4590

■ 24.4205, 16.6453,
85.1457

■ 20.5268, 11.9535,
84.4453

■ 17.9313, 8.8260,
83.9785

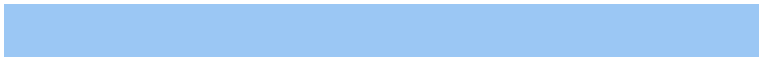
■ 16.4669, 7.0614,
83.7151

■ 15.8774, 6.3511,
83.6090

Harmonies

Analogous

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



50.1249, 54.1249, 93.4759



55.5258, 54.1249, 90.7397



60.1110, 54.1249, 78.8204

Triad

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



55.5258, 54.1249, 90.7397



57.9864, 54.1249, 38.3842



41.8499, 54.1249, 55.2035

Complementary

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



55.5258, 54.1249, 90.7397



77.0257, 85.3291, 61.1271

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.



43.6530, 54.1249, 42.7080



55.5258, 54.1249, 90.7397



52.7862, 54.1249, 34.1594

Square

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



55.5258, 54.1249, 90.7397



61.5993, 54.1249, 48.2578



47.5675, 54.1249, 35.5914



42.4712, 54.1249, 71.0763

Rectangle

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



55.5258, 54.1249, 90.7397



61.9637, 54.1249, 68.2399



47.5675, 54.1249, 35.5914



42.1880, 54.1249, 50.5129

Sweetspot

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



55.5275, 54.1271, 90.7409



84.9554, 87.8368, 107.0843



68.4421, 80.1590, 94.4208



17.9594, 18.5301, 22.8801



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.



55.5275, 54.1271, 90.7409



58.2846, 55.7004, 102.2871



62.2136, 57.5734, 91.0537



14.8974, 15.2289, 19.8759



8.6099, 3.4441, 45.3388



0.7163, 0.2865, 3.7718

Inverse Universe

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



63.9847, 59.2469, 56.7810



69.3571, 62.4034, 57.8253



69.1731, 81.2816, 60.7598



15.7729, 15.7589, 16.3603



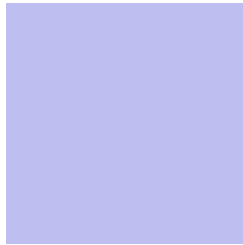
19.6715, 10.1410, 0.9208



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 55.5258, 54.1249, 90.7397 looks on a white background.

Color Contrast Check

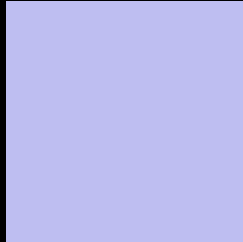
Large Text (above 18pt) WCAG AA × Fail

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 55.5258, 54.1249, 90.7397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

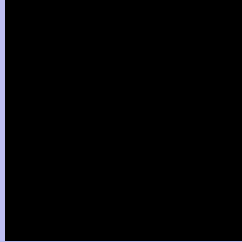
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5258, 54.1249, 90.7397

Background



This preview shows how black text looks on a background with the XYZ color 55.5258, 54.1249, 90.7397.



This preview shows how white text looks on a background with the XYZ color 55.5258, 54.1249,

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

55.5258, 54.1249, 90.7397

Protanopia

54.3187, 54.1154, 92.3764

Deuteranopia

55.2769, 53.9966, 90.7281



Tritanopia

51.0401, 53.9237, 69.3462

Trichromacy



Original Color

55.5258, 54.1249, 90.7397

Protanomaly

54.6654, 53.9867, 91.5437

Deuteranomaly

55.2769, 53.9966, 90.7281

Tritanomaly

52.5045, 53.8530, 76.7346

Monochromacy



Original Color

55.5258, 54.1249, 90.7397

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.4236, 54.8064, 70.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5258, 54.1249, 90.7397 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, 190, 241)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 241)  
}
```

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, 190, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.5258, 54.1249, 90.7397 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, 190, 241) }
```


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

```
.border{ border-color:rgb(190, 190, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 241);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5258, 54.1249, 90.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 241) }
```

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

```
.background{ background-color: rgb(190,  
190, 241) }
```

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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