

Converting Colors

XYZ(55.4640, 55.3377, 92.3459)

Have a look what the booklet for
XYZ(55.4640, 55.3377, 92.3459)
contains.

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Color

**XYZ(55.4770, 55.3689,
92.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C2F3
RGB	185, 194, 243
RGB Percent	73%, 76%, 95%
CMY	0.2745, 0.2392, 0.0471
CMYK	0.24, 0.20, 0.00, 0.05
HSL	231°, 71%, 84%
HSV	231°, 24%, 95%
XYZ	55.4770, 55.3689, 92.5573
YIQ	196.8950, -21.0930, 13.3310

Conversions

Conversions Part 2

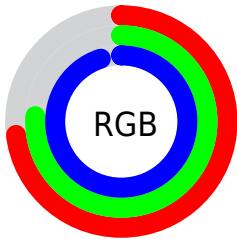
Format	Color
R _Y B	185, 193, 243
Decimal	12174067
CIE Lab	79.25, 7.28, -25.23
CIE LCh	79, 26.259, 286.102
Yxy	55.3689, 0.2727, 0.2722
Android (android.graphics.Color)	4290364147 (0xFFB9C2F3)
YUV	196.8950, 22.7298, -10.4319
Hunter-Lab	74.4103, 2.8637, -21.6623

Details

The XYZ color **55.4770, 55.3689, 92.5573** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.1426, 81.4034, 57.6525**, and the grayscale version is **52.8853, 55.6395, 60.5914**.

A 20% lighter version of the original color is **88.8536, 94.4685, 108.1589**, and **27.8546, 27.4629, 50.8465** is the 20% darker color. If you saturate the color by 10%, you get **45.8508, 44.0871, 90.8880**, and if you desaturate by 10%, it is **66.7398, 68.4339, 94.4864**.

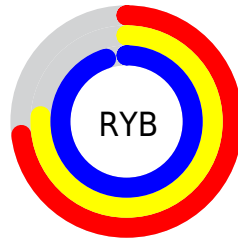
Distribution



Red (73%)

Green (76%)

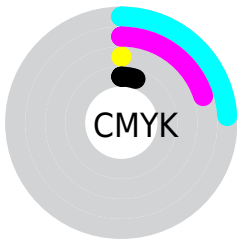
Blue (95%)



Red (73%)

Yellow (76%)

Blue (95%)

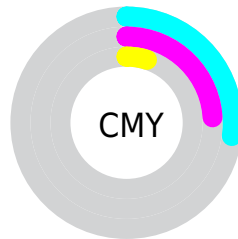


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4770, 55.3689, 92.5573 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 55.4770, 55.3689, 92.5573 by changing the saturation by 10% instead.

■ 55.4770, 55.3689,
92.5573

■ 55.4770, 55.3689,
92.5573

397.8246,
407.3088, 557.0983

■ 40.0191, 39.6972,
69.5180

■ 97.3837, 98.0812,
152.8520

■ 27.7377, 27.3025,
50.6593

124.5633,
125.8906, 190.9444

■ 18.2675, 17.8005,
35.5627

156.3808,
158.5147, 234.8916

■ 11.2430, 10.8069,
23.8096

193.2015,
196.3378, 285.1121

■ 6.2991, 5.9371,
14.9816

235.3910,
239.7444, 342.0245

■ 3.0701, 2.8069,
8.6600

283.3144,

■ 1.1910, 1.0318,

289.1188, 406.0473

4.4263

337.3371,
344.8455, 477.5991

■ 0.0992, 0.0000,
1.8620

■ 0.0000, 0.0000,
0.4684

■ 55.4770, 55.3689,
92.5573

■ 55.4770, 55.3689,
92.5573

■ 45.8508, 44.0871,
90.8880

■ 66.7398, 68.4339,
94.4864

■ 37.7792, 34.5041,
89.4637

■ 79.7053, 83.3484,
96.6818

■ 31.1810, 26.5386,
88.2740

■ 93.1778, 99.2511,
99.0413

■ 25.9656, 20.1000,
87.3061

■ 22.0319, 15.0884,
86.5461

■ 19.2647, 11.3915,
85.9783

■ 17.5268, 8.8790,
85.5850

■ 16.8618, 7.8391,
85.4193

Harmonies

Analogous

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



50.2383, 55.3689, 92.9411



55.4770, 55.3689, 92.5573



60.2429, 55.3689, 82.6432

Triad

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



55.4770, 55.3689, 92.5573



59.9427, 55.3689, 41.7582



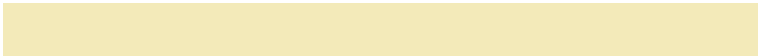
43.4207, 55.3689, 53.6049

Complementary

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



55.4770, 55.3689, 92.5573



75.1426, 81.4034, 57.6525

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.



45.6807, 55.3689, 42.3772



55.4770, 55.3689, 92.5573



55.0892, 55.3689, 36.3474

Square

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



55.4770, 55.3689, 92.5573



62.9360, 55.3689, 52.6172



49.8753, 55.3689, 36.5533



43.5092, 55.3689, 68.6688

Rectangle

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



55.4770, 55.3689, 92.5573



62.4085, 55.3689, 72.7772



49.8753, 55.3689, 36.5533



43.9241, 55.3689, 49.3150

Sweetspot

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



55.4788, 55.3711, 92.5586



84.1618, 87.5236, 107.0657



66.8150, 80.3188, 89.3233



17.8229, 18.5139, 22.8841



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.



55.4788, 55.3711, 92.5586



56.0833, 54.9809, 102.2642



58.5213, 54.0551, 92.1442



15.7888, 16.3419, 20.8647



9.3156, 4.4249, 46.9011



0.8792, 0.5097, 4.1423

Inverse Universe

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



64.0501, 57.6492, 58.7929



67.3470, 58.1573, 57.8517



71.4460, 83.3991, 58.2325



16.6040, 16.5244, 17.6611



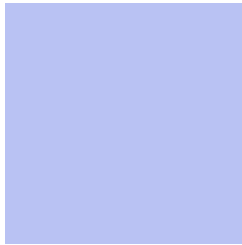
20.5066, 10.5461, 2.1101



1.8328, 0.9391, 0.3460

Previews

White Background



This preview shows how the XYZ color 55.4770, 55.3689, 92.5573 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 55.4770, 55.3689, 92.5573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

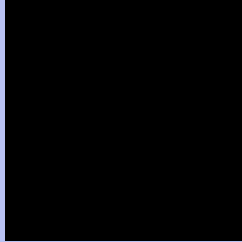
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4770, 55.3689, 92.5573

Background



This preview shows how black text looks on a background with the XYZ color 55.4770, 55.3689, 92.5573.



This preview shows how white text looks on a background with the XYZ color 55.4770, 55.3689,

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

55.4770, 55.3689, 92.5573

Protanopia

55.4770, 55.3689, 92.5573

Deuteranopia

56.5132, 55.2467, 92.4791



Tritanopia

51.2796, 55.3369, 72.2683

Trichromacy



Original Color

55.4770, 55.3689, 92.5573

Protanomaly

55.4770, 55.3689, 92.5573

Deuteranomaly

56.2339, 55.4298, 92.5292

Tritanomaly

52.6129, 55.1925, 79.1144

Monochromacy



Original Color

55.4770, 55.3689, 92.5573

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8698, 55.6724, 71.5249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4770, 55.3689, 92.5573 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(185, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 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(185, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 243) }
```

Border

The CSS property to change the border of an element to XYZ 55.4770, 55.3689, 92.5573 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(185, 194, 243) }
```


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

```
.border{ border-color:rgb(185, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4770, 55.3689, 92.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 243) }
```

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

```
.background{ background-color: rgb(185,  
194, 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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