

Converting Colors

XYZ(54.0482, 55.1222, 78.4923)

Have a look what the booklet for
XYZ(54.0482, 55.1222, 78.4923)
contains.

XYZ(54.2049, 55.3592, 78.3495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.2049, 55.3592,
78.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC3E0
RGB	190, 195, 224
RGB Percent	75%, 76%, 88%
CMY	0.2549, 0.2353, 0.1216
CMYK	0.15, 0.13, 0.00, 0.12
HSL	231°, 35%, 81%
HSV	231°, 15%, 88%
XYZ	54.2049, 55.3592, 78.3495
YIQ	196.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

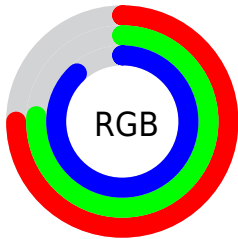
Format	Color
R _Y B	190, 194, 224
Decimal	12501984
CIE Lab	79.25, 4.09, -15.00
CIE LCh	79, 15.548, 285.245
Yxy	55.3592, 0.2885, 0.2946
Android (android.graphics.Color)	4290692064 (0xFFBEC3E0)
YUV	196.8110, 13.4042, -5.9732
Hunter-Lab	74.4038, -0.1651, -10.3516

Details

The XYZ color **54.2049, 55.3592, 78.3495** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.3667, 70.2279, 58.8267**, and the grayscale version is **52.8854, 55.6395, 60.5915**.

A 20% lighter version of the original color is **91.2182, 96.6150, 108.4486**, and **26.8397, 27.1486, 41.3617** is the 20% darker color. If you saturate the color by 10%, you get **45.0243, 44.6745, 76.7719**, and if you desaturate by 10%, it is **64.7964, 67.5871, 80.1524**.

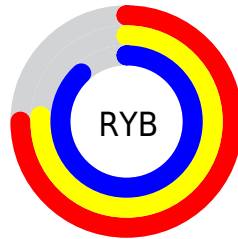
Distribution



Red (75%)

Green (76%)

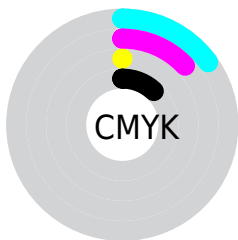
Blue (88%)



Red (75%)

Yellow (76%)

Blue (88%)

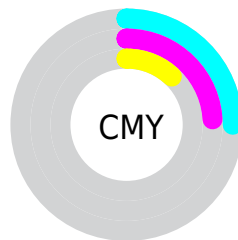


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (12%)



Cyan (25%)

Magenta (24%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2049, 55.3592, 78.3495 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 54.2049, 55.3592, 78.3495 by changing the saturation by 10% instead.

■ 54.2049, 55.3592,
78.3495

■ 54.2049, 55.3592,
78.3495

393.0765,
407.2721, 508.9123

■ 38.9968, 39.6894,
57.8430

■ 95.5302, 98.0670,
132.8330

■ 26.9380, 27.2964,
41.2686

122.3781,
125.8739, 167.6471

■ 17.6630, 17.7960,
28.2077

153.8366,
158.4951, 208.0675

■ 10.8065, 10.8036,
18.2419

190.2711,
196.3152, 254.5127

■ 6.0032, 5.9349,
10.9526

232.0471,
239.7186, 307.4012

■ 2.8877, 2.8056,
5.9212

279.5297,

■ 1.0947, 1.0311,

289.0896, 367.1516

2.7292

333.0844,
344.8126, 434.1825

■ 0.0206, 0.0000,
0.9581

■ 0.0000, 0.0000,
0.0000

■ 54.2049, 55.3592,
78.3495

■ 54.2049, 55.3592,
78.3495

■ 45.0243, 44.6745,
76.7719

■ 64.7964, 67.5871,
80.1524

■ 37.1898, 35.4647,
75.4072

■ 76.8499, 81.4092,
82.1850

■ 30.6389, 27.6666,
74.2472

■ 89.6051, 96.4626,
84.4183

■ 25.3025, 21.2095,
73.2822

■ 90.4547, 98.1619,
84.7016

■ 21.1043, 16.0169,
72.5011

■ 17.9598, 12.0039,
71.8923

■ 15.7717, 9.0752,
71.4423

■ 14.4240, 7.1195,
71.1359

■ 13.9973, 6.4671,
71.0324

Harmonies

Analogous

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



51.1094, 55.3592, 78.3947



54.2049, 55.3592, 78.3495



56.9776, 55.3592, 73.1521

Triad

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



54.2049, 55.3592, 78.3495



56.9394, 55.3592, 48.9181



47.0455, 55.3592, 56.0208

Complementary

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



54.2049, 55.3592, 78.3495



65.3667, 70.2279, 58.8267

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.



48.4853, 55.3592, 49.0084



54.2049, 55.3592, 78.3495



54.1545, 55.3592, 45.1903

Square

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



54.2049, 55.3592, 78.3495



58.5982, 55.3592, 55.8860



51.0609, 55.3592, 45.2217



47.0578, 55.3592, 64.8917

Rectangle

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



54.2049, 55.3592, 78.3495



58.2348, 55.3592, 67.7336



51.0609, 55.3592, 45.2217



47.3732, 55.3592, 53.3883

Sweetspot

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



54.2066, 55.3615, 78.3507



87.1424, 90.9186, 107.5639



60.6650, 69.3687, 77.1419



18.4228, 19.1965, 22.9843



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.



54.2066, 55.3615, 78.3507



68.8910, 69.8263, 104.4546



56.1993, 54.7527, 78.1282



13.1140, 13.5671, 17.3152



8.1984, 3.8664, 41.3625



0.6202, 0.3719, 2.8843

Inverse Universe

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



59.0056, 56.6157, 59.4503



76.4407, 71.8603, 74.7077



63.1312, 71.0419, 59.1016



13.7890, 13.7332, 14.6590



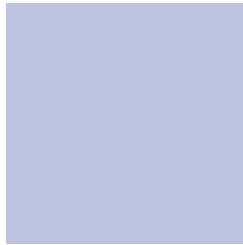
18.0784, 9.2984, 1.8126



1.2793, 0.6550, 0.2637

Previews

White Background



This preview shows how the XYZ color 54.2049, 55.3592, 78.3495 looks on a white background.

Color Contrast Check

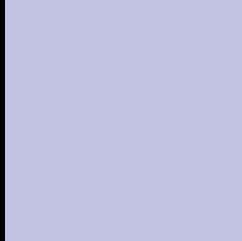
Large Text (above 18pt) WCAG AA × Fail

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 54.2049, 55.3592, 78.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

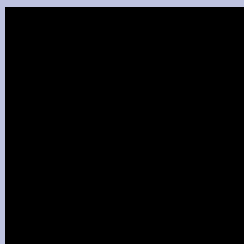
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2049, 55.3592, 78.3495

Background



This preview shows how black text looks on a background with the XYZ color 54.2049, 55.3592, 78.3495.



This preview shows how white text looks on a background with the XYZ color 54.2049, 55.3592,

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

54.2049, 55.3592, 78.3495

Protanopia

54.4555, 55.4884, 78.3612

Deuteranopia

56.5785, 55.2544, 78.9173



Tritanopia

52.7155, 55.4280, 70.8711

Trichromacy



Original Color

54.2049, 55.3592, 78.3495

Protanomaly

54.4555, 55.4884, 78.3612

Deuteranomaly

55.7289, 55.1413, 78.9403

Tritanomaly

53.2506, 55.3084, 73.5146

Monochromacy



Original Color

54.2049, 55.3592, 78.3495

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.2505, 55.4542, 66.9286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2049, 55.3592, 78.3495 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, 195, 224)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 224)  
}
```

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, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.2049, 55.3592, 78.3495 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, 195, 224) }
```


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

```
.border{ border-color:rgb(190, 195, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 224);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2049, 55.3592, 78.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 224) }
```

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

```
.background{ background-color: rgb(190,  
195, 224) }
```

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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