

Converting Colors

XYZ(54.2042, 55.3954, 94.8340)

Have a look what the booklet for
XYZ(54.2042, 55.3954, 94.8340)
contains.

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Color

**XYZ(54.2790, 55.3638,
95.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C4F6
RGB	176, 196, 246
RGB Percent	69%, 77%, 96%
CMY	0.3098, 0.2314, 0.0353
CMYK	0.28, 0.20, 0.00, 0.04
HSL	223°, 80%, 83%
HSV	223°, 28%, 96%
XYZ	54.2790, 55.3638, 95.0142
YIQ	195.7200, -27.9700, 11.3100

Conversions

Conversions Part 2

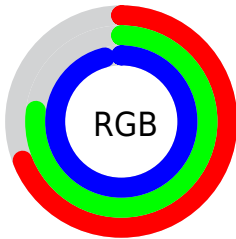
Format	Color
RYB	176, 192, 246
Decimal	11584758
CIELab	79.25, 4.27, -26.90
CIELCh	79, 27.231, 279.013
Yxy	55.3638, 0.2652, 0.2705
Android (android.graphics.Color)	4289774838 (0xFFB0C4F6)
YUV	195.7200, 24.7880, -17.2944
Hunter-Lab	74.4069, 0.0018, -23.6259

Details

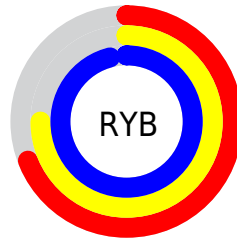
The XYZ color **54.2790, 55.3638, 95.0142** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.0398, 77.1208, 52.1122**, and the grayscale version is **52.1714, 54.8884, 59.7735**.

A 20% lighter version of the original color is **86.7796, 94.7942, 108.3311**, and **26.9933, 27.2013, 52.5429** is the 20% darker color. If you saturate the color by 10%, you get **45.4788, 45.2851, 93.5336**, and if you desaturate by 10%, it is **64.5548, 66.8948, 96.6993**.

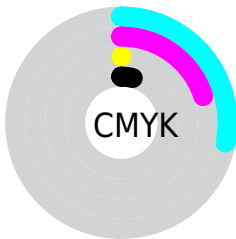
Distribution



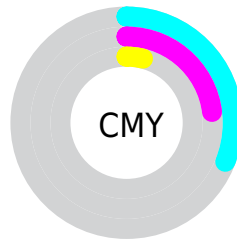
- Red (69%)
- Green (77%)
- Blue (96%)



- Red (69%)
- Yellow (75%)
- Blue (96%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (31%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2790, 55.3638, 95.0142 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 54.2790, 55.3638, 95.0142 by changing the saturation by 10% instead.

■ 54.2790, 55.3638,
95.0142

■ 54.2790, 55.3638,
95.0142

393.3540,
407.2895, 565.1959

■ 39.0563, 39.6931,
71.5498

■ 95.6383, 98.0738,
156.2800

■ 26.9845, 27.2993,
52.3064

122.5056,
125.8818, 194.9185

■ 17.6981, 17.7981,
36.8655

153.9851,
158.5044, 239.4521

■ 10.8318, 10.8052,
24.8084

190.4423,
196.3259, 290.2994

■ 6.0203, 5.9360,
15.7166

232.2424,
239.7308, 347.8788

■ 2.8982, 2.8062,
9.1717

279.7508,

■ 1.1002, 1.0314,

289.1034, 412.6091

4.7550

333.3329,
344.8282, 484.9086

■ 0.0253, 0.0000,
2.0480

■ 0.0000, 0.0000,
0.5846

■ 54.2790, 55.3638,
95.0142

■ 54.2790, 55.3638,
95.0142

■ 45.4788, 45.2851,
93.5336

■ 64.5548, 66.8948,
96.6993

■ 38.0785, 36.5922,
92.2457

■ 76.3664, 79.9278,
98.5923

■ 32.0034, 29.2228,
91.1435

■ 89.7771, 94.5183,
100.7018

■ 27.1692, 23.1069,
90.2178

■ 93.6347, 99.4339,
101.4473

■ 23.4813, 18.1673,
89.4587

■ 20.8297, 14.3166,
88.8552

■ 19.0653, 11.4443,
88.3938

■ 18.8431, 11.0706,
88.3334

Harmonies

Analogous

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



48.9598, 55.3638, 92.8381



54.2790, 55.3638, 95.0142



59.4919, 55.3638, 86.7132

Triad

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



54.2790, 55.3638, 95.0142



61.1840, 55.3638, 43.3067



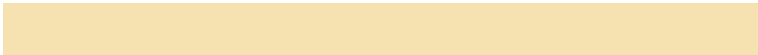
43.4384, 55.3638, 50.1666

Complementary

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



54.2790, 55.3638, 95.0142



73.0398, 77.1208, 52.1122

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.



46.3018, 55.3638, 39.8545



54.2790, 55.3638, 95.0142



56.4617, 55.3638, 36.3946

Square

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



54.2790, 55.3638, 95.0142



63.6554, 55.3638, 55.7051



50.9983, 55.3638, 35.2502



42.9428, 55.3638, 65.1024

Rectangle

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



54.2790, 55.3638, 95.0142



62.1181, 55.3638, 77.0763



50.9983, 55.3638, 35.2502



44.1460, 55.3638, 46.1233

Sweetspot

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



54.2808, 55.3660, 95.0155



82.0967, 85.8876, 106.8588



64.4522, 80.5791, 83.3918



17.1524, 17.9230, 22.8054



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.



54.2808, 55.3660, 95.0155



53.3485, 53.7499, 102.1708



53.3967, 48.6534, 93.7664



15.9668, 16.6978, 20.9240



10.1606, 6.1150, 47.1828



0.9771, 0.7056, 4.1749

Inverse Universe

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



63.4967, 54.6307, 59.4250



64.9319, 53.2297, 57.3468



74.0721, 86.2030, 53.8109



16.6938, 16.5604, 18.1341



20.9331, 10.7167, 4.3562



1.8822, 0.9589, 0.6063

Previews

White Background



This preview shows how the XYZ color 54.2790, 55.3638, 95.0142 looks on a white background.

Color Contrast Check

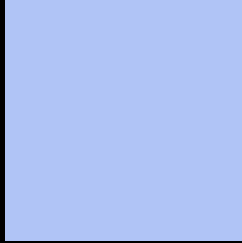
Large Text (above 18pt) WCAG AA × Fail

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 54.2790, 55.3638, 95.0142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

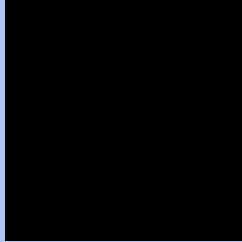
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2790, 55.3638, 95.0142

Background



This preview shows how black text looks on a background with the XYZ color 54.2790, 55.3638, 95.0142.



This preview shows how white text looks on a background with the XYZ color 54.2790, 55.3638,

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

54.2790, 55.3638, 95.0142

Protanopia

55.5404, 55.3665, 94.1457

Deuteranopia

56.6244, 55.2335, 95.6724



Tritanopia

49.9886, 55.3291, 73.6905

Trichromacy



Original Color

54.2790, 55.3638, 95.0142

Protanomaly

55.0526, 55.4465, 94.1869

Deuteranomaly

55.6256, 55.0457, 95.6888

Tritanomaly

51.4403, 55.2189, 81.3459

Monochromacy



Original Color

54.2790, 55.3638, 95.0142

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8638, 55.1537, 71.4778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2790, 55.3638, 95.0142 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(176, 196, 246)` looks like.

```
.text, #text, p{  
    color:rgb(176, 196, 246)  
}
```

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(176, 196, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 196, 246) }
```

Border

The CSS property to change the border of an element to XYZ 54.2790, 55.3638, 95.0142 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(176, 196, 246) }
```


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

```
.border{ border-color:rgb(176, 196, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 196, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 196, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 196, 246); box-shadow:4px 4px 4px 4px rgb(176, 196, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2790, 55.3638, 95.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 196, 246) }
```

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

```
.background{ background-color: rgb(176,  
196, 246) }
```

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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