

Converting Colors

XYZ(54.7615, 55.1100, 89.8888)

Have a look what the booklet for
XYZ(54.7615, 55.1100, 89.8888)
contains.

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Color

**XYZ(54.7871, 55.0652,
90.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C2F0
RGB	184, 194, 240
RGB Percent	72%, 76%, 94%
CMY	0.2784, 0.2392, 0.0588
CMYK	0.23, 0.19, 0.00, 0.06
HSL	229°, 65%, 83%
HSV	229°, 23%, 94%
XYZ	54.7871, 55.0652, 90.1791
YIQ	196.2540, -20.7260, 12.1860

Conversions

Conversions Part 2

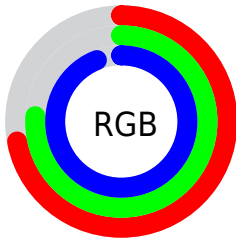
Format	Color
RYB	184, 192, 240
Decimal	12108528
CIELab	79.08, 6.30, -23.89
CIELCh	79, 24.708, 284.762
Yxy	55.0652, 0.2739, 0.2753
Android (android.graphics.Color)	4290298608 (0xFFB8C2F0)
YUV	196.2540, 21.5668, -10.7468
Hunter-Lab	74.2059, 1.9282, -20.1083

Details

The XYZ color **54.7871, 55.0652, 90.1791** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.8843, 78.5797, 56.6748**, and the grayscale version is **52.5067, 55.2411, 60.1576**.

A 20% lighter version of the original color is **88.5112, 94.2920, 108.1429**, and **27.3825, 27.2563, 49.1652** is the 20% darker color. If you saturate the color by 10%, you get **45.4183, 44.1497, 88.5669**, and if you desaturate by 10%, it is **65.7167, 67.6520, 92.0335**.

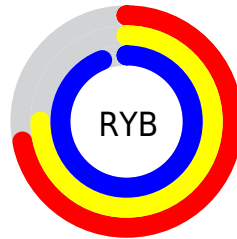
Distribution



Red (72%)

Green (76%)

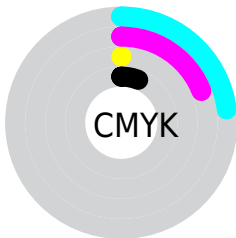
Blue (94%)



Red (72%)

Yellow (75%)

Blue (94%)

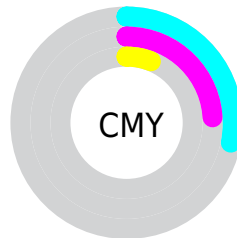


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (28%)

Magenta (24%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7871, 55.0652, 90.1791 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 54.7871, 55.0652, 90.1791 by changing the saturation by 10% instead.

■ 54.7871, 55.0652,
90.1791

■ 54.7871, 55.0652,
90.1791

395.2539,
406.1590, 549.1984

■ 39.4645, 39.4539,
67.5546

■ 96.3791, 97.6365,
149.5248

■ 27.3036, 27.1130,
49.0711

123.3792,
125.3653, 187.0832

■ 17.9391, 17.6581,
34.3099

155.0024,
157.9020, 230.4566

■ 11.0057, 10.7048,
22.8525

191.6142,
195.6311, 280.0636

■ 6.1380, 5.8687,
14.2803

233.5799,
238.9370, 336.3228

■ 2.9706, 2.7654,
8.1749

281.2649,

■ 1.1383, 1.0105,

288.2040, 399.6526

4.1177

335.0344,
343.8165, 470.4716

■ 0.0568, 0.0000,
1.6901

■ 0.0000, 0.0000,
0.3540

■ 54.7871, 55.0652,
90.1791

■ 54.7871, 55.0652,
90.1791

■ 45.4183, 44.1497,
88.5669

■ 65.7167, 67.6520,
92.0335

■ 37.5331, 34.8279,
87.1832

■ 78.2692, 81.9700,
94.1355

■ 31.0556, 27.0260,
86.0187

■ 92.1394, 97.8935,
96.4780

■ 25.9009, 20.6618,
85.0620

■ 92.7283, 99.0713,
96.6743

■ 21.9744, 15.6446,
84.3005

■ 19.1688, 11.8732,
83.7204

■ 17.3567, 9.2307,
83.3059

■ 16.5873, 8.0093,
83.1107

Harmonies

Analogous

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



49.8890, 55.0652, 90.1026



54.7871, 55.0652, 90.1791



59.2906, 55.0652, 81.3399

Triad

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



54.7871, 55.0652, 90.1791



59.3511, 55.0652, 42.8207



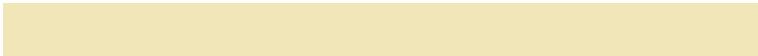
43.7253, 55.0652, 53.1097

Complementary

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



54.7871, 55.0652, 90.1791



72.8843, 78.5797, 56.6748

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.



45.9510, 55.0652, 42.6936



54.7871, 55.0652, 90.1791



54.8655, 55.0652, 37.4186

Square

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



54.7871, 55.0652, 90.1791



62.0357, 55.0652, 53.3107



49.9626, 55.0652, 37.3761



43.7073, 55.0652, 67.1332

Rectangle

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



54.7871, 55.0652, 90.1791



61.3759, 55.0652, 72.2749



49.9626, 55.0652, 37.3761



44.2336, 55.0652, 49.1241

Sweetspot

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



54.7888, 55.0674, 90.1804



84.2849, 87.7698, 107.1067



65.1739, 78.2098, 86.3287



17.8513, 18.5708, 22.8936



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.



54.7888, 55.0674, 90.1804



57.5409, 57.0000, 102.5771



57.1550, 53.0931, 89.6746



15.1255, 15.6852, 19.9519



9.1479, 4.5201, 45.5182



0.8250, 0.5040, 3.8080

Inverse Universe

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



62.8147, 56.7028, 58.6754



68.3015, 59.3766, 60.2960



70.0189, 81.3536, 57.3613



15.8880, 15.8049, 16.9667



19.9431, 10.2497, 2.3508



1.6914, 0.8656, 0.3657

Previews

White Background



This preview shows how the XYZ color 54.7871, 55.0652, 90.1791 looks on a white background.

Color Contrast Check

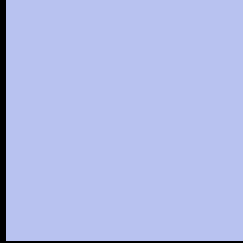
Large Text (above 18pt) WCAG AA × Fail

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 54.7871, 55.0652, 90.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

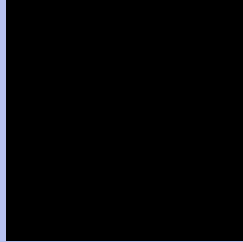
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7871, 55.0652, 90.1791

Background



This preview shows how black text looks on a background with the XYZ color 54.7871, 55.0652, 90.1791.



This preview shows how white text looks on a background with the XYZ color 54.7871, 55.0652,

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

54.7871, 55.0652, 90.1791

Protanopia

55.0275, 55.1891, 90.1904

Deuteranopia

56.4650, 55.2566, 90.9087



Tritanopia

51.1514, 55.2856, 71.5935

Trichromacy



Original Color

54.7871, 55.0652, 90.1791

Protanomaly

55.0275, 55.1891, 90.1904

Deuteranomaly

55.9334, 55.3096, 90.9469

Tritanomaly

52.3416, 55.0840, 77.6856

Monochromacy



Original Color

54.7871, 55.0652, 90.1791

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1370, 54.9901, 70.1009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7871, 55.0652, 90.1791 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(184, 194, 240)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 240)  
}
```

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(184, 194, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 240) }
```

Border

The CSS property to change the border of an element to XYZ 54.7871, 55.0652, 90.1791 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(184, 194, 240) }
```


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

```
.border{ border-color:rgb(184, 194, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 240);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7871, 55.0652, 90.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 240) }
```

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

```
.background{ background-color: rgb(184,  
194, 240) }
```

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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