

Converting Colors

XYZ(52.0694, 54.2911, 84.3273)

Have a look what the booklet for
XYZ(52.0694, 54.2911, 84.3273)
contains.

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Color

**XYZ(52.2099, 54.5362,
84.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C4E8
RGB	176, 196, 232
RGB Percent	69%, 77%, 91%
CMY	0.3098, 0.2314, 0.0902
CMYK	0.24, 0.16, 0.00, 0.09
HSL	219°, 55%, 80%
HSV	219°, 24%, 91%
XYZ	52.2099, 54.5362, 84.1187
YIQ	194.1240, -23.4760, 6.9560

Conversions

Conversions Part 2

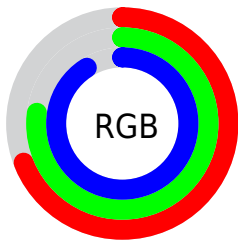
Format	Color
R _Y B	176, 191, 232
Decimal	11584744
CIE Lab	78.77, 0.98, -20.11
CIE LCh	79, 20.138, 272.796
Yxy	54.5362, 0.2735, 0.2857
Android (android.graphics.Color)	4289774824 (0xFFB0C4E8)
YUV	194.1240, 18.6729, -15.8947
Hunter-Lab	73.8486, -3.0382, -15.8414

Details

The XYZ color **52.2099, 54.5362, 84.1187** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.6592, 67.3775, 50.6729**, and the grayscale version is **51.2558, 53.9251, 58.7245**.

A 20% lighter version of the original color is **86.4540, 94.6264, 108.3158**, and **25.5355, 26.6182, 44.8662** is the 20% darker color. If you saturate the color by 10%, you get **44.2076, 45.6640, 82.8289**, and if you desaturate by 10%, it is **61.4465, 64.5437, 85.5644**.

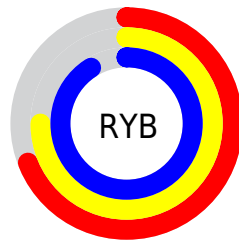
Distribution



Red (69%)

Green (77%)

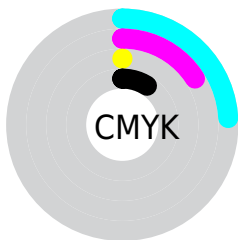
Blue (91%)



Red (69%)

Yellow (75%)

Blue (91%)

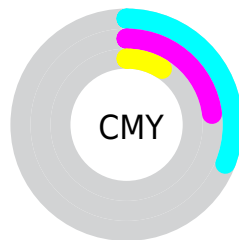


Cyan (24%)

Magenta (16%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (23%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2099, 54.5362, 84.1187 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 52.2099, 54.5362, 84.1187 by changing the saturation by 10% instead.

■ 52.2099, 54.5362,
84.1187

■ 52.2099, 54.5362,
84.1187

385.5571,
404.1514, 528.7757

■ 37.3974, 39.0305,
62.5675

■ 92.6131, 96.8611,
141.0044

■ 25.6904, 26.7835,
45.0527

118.9345,
124.4491, 177.1760

■ 16.7236, 17.4107,
31.1556

149.8229,
156.8333, 219.0581

■ 10.1317, 10.5277,
20.4579

185.6436,
194.3981, 267.0693

■ 5.5493, 5.7502,
12.5410

226.7620,
237.5279, 321.6281

■ 2.6111, 2.6938,
6.9862

273.5435,

■ 0.9516, 0.9740,

286.6072, 383.1531

3.3752

326.3534,
342.0202, 452.0628

■ 0.0000, 0.0000,
1.2893

■ 0.0000, 0.0000,
0.0530

■ 52.2099, 54.5362,
84.1187

■ 52.2099, 54.5362,
84.1187

■ 44.2076, 45.6640,
82.8289

■ 61.4465, 64.5437,
85.5644

■ 37.3791, 37.8776,
81.6858

■ 71.9639, 75.7205,
87.1674

■ 31.6665, 31.1333,
80.6852

■ 83.8123, 88.1069,
88.9338

■ 27.0043, 25.3816,
79.8207

■ 91.5657, 98.6063,
90.5517

■ 23.3198, 20.5681,
79.0858

■ 20.5296, 16.6321,
78.4731

■ 18.5341, 13.5033,
77.9744

■ 17.6487, 11.9923,
77.7294

Harmonies

Analogous

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



48.4090, 54.5362, 81.1248



52.2099, 54.5362, 84.1187



56.0991, 54.5362, 79.8133

Triad

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



52.2099, 54.5362, 84.1187



58.5496, 54.5362, 48.2652



45.3117, 54.5362, 49.8990

Complementary

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



52.2099, 54.5362, 84.1187



64.6592, 67.3775, 50.6729

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.



47.7927, 54.5362, 42.7717



52.2099, 54.5362, 84.1187



55.4190, 54.5362, 41.9168

Square

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



52.2099, 54.5362, 84.1187



59.8749, 54.5362, 58.3160



51.4619, 54.5362, 40.0410



44.5492, 54.5362, 60.4581

Rectangle

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



52.2099, 54.5362, 84.1187



58.1836, 54.5362, 73.6690



51.4619, 54.5362, 40.0410



45.9659, 54.5362, 47.0706

Sweetspot

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



52.2116, 54.5384, 84.1199



85.2333, 89.6666, 107.4229



58.5787, 71.6710, 72.6828



18.0704, 19.0091, 22.9666



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.



52.2116, 54.5384, 84.1199



59.5431, 61.9004, 103.4174



49.7317, 47.0028, 82.7961



14.0020, 14.7254, 18.2486



9.9059, 6.8739, 43.1879



0.8174, 0.6787, 3.2199

Inverse Universe

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



58.7692, 52.1934, 59.2039



69.0933, 58.8558, 67.0477



67.6001, 76.7815, 52.3330



14.5886, 14.4526, 16.0339



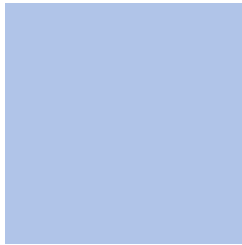
19.3935, 9.8916, 5.7014



1.4762, 0.7482, 0.6482

Previews

White Background



This preview shows how the XYZ color 52.2099, 54.5362, 84.1187 looks on a white background.

Color Contrast Check

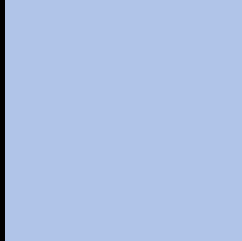
Large Text (above 18pt) WCAG AA × Fail

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 52.2099, 54.5362, 84.1187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

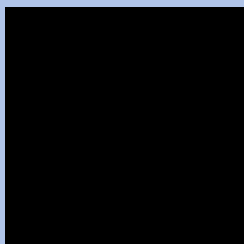
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

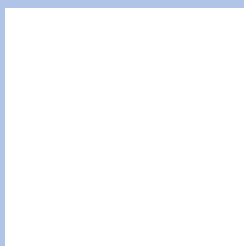
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2099, 54.5362, 84.1187

Background



This preview shows how black text looks on a background with the XYZ color 52.2099, 54.5362, 84.1187.



This preview shows how white text looks on a background with the XYZ color 52.2099, 54.5362,

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

52.2099, 54.5362, 84.1187

Protanopia

53.8464, 54.4179, 82.5286

Deuteranopia

55.6271, 54.3122, 84.6422



Tritanopia

49.9227, 54.6374, 72.2048

Trichromacy



Original Color

52.2099, 54.5362, 84.1187

Protanomaly

53.2440, 54.4204, 83.2992

Deuteranomaly

54.2967, 54.2738, 84.7049

Tritanomaly

50.7008, 54.6073, 76.2747

Monochromacy



Original Color

52.2099, 54.5362, 84.1187

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3938, 54.1491, 67.4176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2099, 54.5362, 84.1187 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 196, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 196, 232) }
```

Border

The CSS property to change the border of an element to XYZ 52.2099, 54.5362, 84.1187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

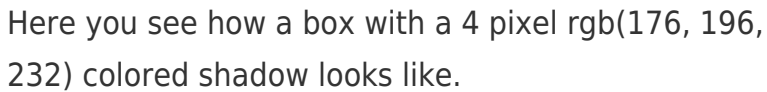
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 196, 232) }
```


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

```
.border{ border-color:rgb(176, 196, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 196, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 196, 232); box-shadow:4px 4px 4px 4px rgb(176, 196, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2099, 54.5362, 84.1187 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, 232) }
```

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

```
.background{ background-color: rgb(176,  
196, 232) }
```

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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