

Converting Colors

XYZ(52.4319, 53.1300, 89.5137)

Have a look what the booklet for
XYZ(52.4319, 53.1300, 89.5137)
contains.

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Color

**XYZ(52.3341, 53.1614,
89.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C0EF
RGB	176, 192, 239
RGB Percent	69%, 75%, 94%
CMY	0.3098, 0.2470, 0.0627
CMYK	0.26, 0.20, 0.00, 0.06
HSL	225°, 66%, 81%
HSV	225°, 26%, 94%
XYZ	52.3341, 53.1614, 89.1642
YIQ	192.5740, -24.6230, 11.2250

Conversions

Conversions Part 2

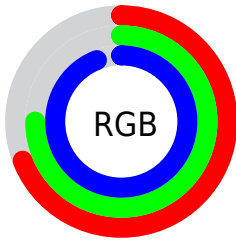
Format	Color
R _Y B	176, 189, 239
Decimal	11583727
CIE Lab	77.97, 4.77, -25.10
CIE LCh	78, 25.546, 280.759
Yxy	53.1614, 0.2688, 0.2731
Android (android.graphics.Color)	4289773807 (0xFFB0C0EF)
YUV	192.5740, 22.8880, -14.5354
Hunter-Lab	72.9119, 0.5266, -21.4677

Details

The XYZ color **52.3341, 53.1614, 89.1642** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.8214, 74.2610, 51.7296**, and the grayscale version is **50.3205, 52.9410, 57.6528**.

A 20% lighter version of the original color is **84.8961, 91.5106, 107.7966**, and **25.8059, 26.0217, 48.4623** is the 20% darker color. If you saturate the color by 10%, you get **43.7180, 43.2569, 87.7075**, and if you desaturate by 10%, it is **62.3792, 64.5091, 90.8260**.

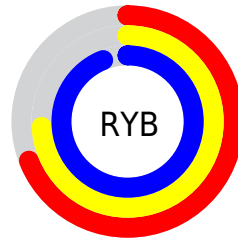
Distribution



Red (69%)

Green (75%)

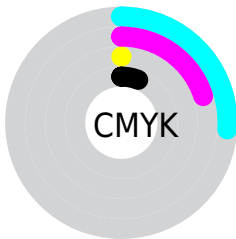
Blue (94%)



Red (69%)

Yellow (74%)

Blue (94%)

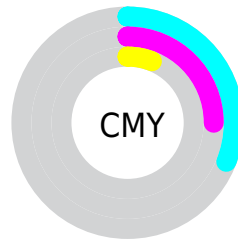


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (31%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3341, 53.1614, 89.1642 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 52.3341, 53.1614, 89.1642 by changing the saturation by 10% instead.

■ 52.3341, 53.1614,
89.1642

■ 52.3341, 53.1614,
89.1642

386.0279,
398.9040, 545.8081

■ 37.4968, 37.9316,
66.7178

■ 92.7951, 94.8418,
148.1022

■ 25.7678, 25.9296,
48.3952

119.1495,
122.0613, 185.4310

■ 16.7818, 16.7710,
33.7777

150.0736,
154.0461, 228.5577

■ 10.1734, 10.0714,
22.4469

185.9329,
191.1806, 277.9007

■ 5.5772, 5.4463,
13.9842

227.0925,
233.8493, 333.8788

■ 2.6279, 2.5114,
7.9711

273.9180,

■ 0.9602, 0.8823,

282.4365, 396.9103

3.9889

326.7747,
337.3266, 467.4139

■ 0.0000, 0.0000,
1.6193

■ 0.0000, 0.0000,
0.3045

■ 52.3341, 53.1614,
89.1642

■ 52.3341, 53.1614,
89.1642

■ 43.7180, 43.2569,
87.7075

■ 62.3792, 64.5091,
90.8260

■ 36.4591, 34.7298,
86.4441

■ 73.9105, 77.3496,
92.6967

■ 30.4868, 27.5184,
85.3670

■ 86.9881, 91.7378,
94.7846

■ 25.7217, 21.5535,
84.4668

■ 92.5802, 99.0121,
95.8940

■ 22.0752, 16.7592,
83.7336

■ 19.4453, 13.0500,
83.1562

■ 17.7079, 10.3259,
82.7220

■ 17.2332, 9.5381,
82.5950

Harmonies

Analogous

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



47.4428, 53.1614, 87.7735



52.3341, 53.1614, 89.1642



57.0306, 53.1614, 81.1986

Triad

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



52.3341, 53.1614, 89.1642



58.1214, 53.1614, 41.7849



42.0289, 53.1614, 49.3215

Complementary

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



52.3341, 53.1614, 89.1642



69.8214, 74.2610, 51.7296

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.



44.5401, 53.1614, 39.5227



52.3341, 53.1614, 89.1642



53.7448, 53.1614, 35.6904

Square

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



52.3341, 53.1614, 89.1642



60.5145, 53.1614, 52.9215



48.7646, 53.1614, 34.9365



41.7060, 53.1614, 63.1469

Rectangle

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



52.3341, 53.1614, 89.1642



59.3379, 53.1614, 72.3150



48.7646, 53.1614, 34.9365



42.6369, 53.1614, 45.5127

Sweetspot

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



52.3358, 53.1635, 89.1654



83.2748, 87.0057, 107.0125



61.9838, 76.2488, 80.6996



17.3779, 18.1274, 22.8330



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.



52.3358, 53.1635, 89.1654



54.6920, 54.7895, 102.3006



52.5171, 48.3217, 88.2213



15.2235, 15.8812, 19.9846



9.6118, 5.4478, 45.6728



0.8767, 0.6073, 3.8252

Inverse Universe

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



60.6377, 53.2086, 56.9458



66.0121, 55.2015, 58.2888



69.5376, 80.7639, 52.9997



15.9375, 15.8247, 17.2272



20.1772, 10.3433, 3.5837



1.7174, 0.8760, 0.5030

Previews

White Background



This preview shows how the XYZ color 52.3341, 53.1614, 89.1642 looks on a white background.

Color Contrast Check

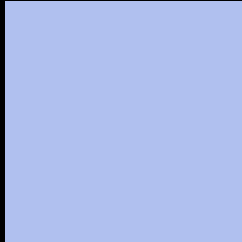
Large Text (above 18pt) WCAG AA × Fail

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 52.3341, 53.1614, 89.1642 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 52.3341, 53.1614, 89.1642

Background



This preview shows how black text looks on a background with the XYZ color 52.3341, 53.1614, 89.1642.



This preview shows how white text looks on a background with the XYZ color 52.3341, 53.1614,

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

52.3341, 53.1614, 89.1642

Protanopia

53.1195, 53.2584, 88.3691

Deuteranopia

54.4193, 53.2513, 89.8484



Tritanopia

48.6445, 53.3439, 70.0199

Trichromacy



Original Color

52.3341, 53.1614, 89.1642

Protanomaly

52.6538, 53.0184, 88.3473

Deuteranomaly

53.6701, 53.1855, 89.8752

Tritanomaly

49.9335, 53.1884, 76.7418

Monochromacy



Original Color

52.3341, 53.1614, 89.1642

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1963, 53.3579, 68.5735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3341, 53.1614, 89.1642 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, 192, 239)` looks like.

```
.text, #text, p{  
    color:rgb(176, 192, 239)  
}
```

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, 192, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 192, 239) }
```

Border

The CSS property to change the border of an element to XYZ 52.3341, 53.1614, 89.1642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

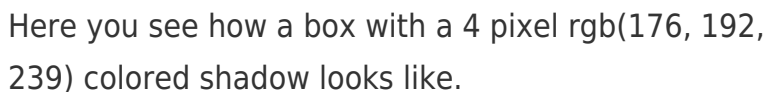
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 192, 239) }
```


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

```
.border{ border-color:rgb(176, 192, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 192, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 192, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 192, 239); box-shadow:4px 4px 4px 4px rgb(176, 192, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3341, 53.1614, 89.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 192, 239) }
```

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

```
.background{ background-color: rgb(176,  
192, 239) }
```

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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