

Converting Colors

XYZ(52.9682, 54.3888, 80.3370)

Have a look what the booklet for
XYZ(52.9682, 54.3888, 80.3370)
contains.

XYZ(52.9241, 54.3200, 80.3685)	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(52.9241, 54.3200,
80.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C2E3
RGB	184, 194, 227
RGB Percent	72%, 76%, 89%
CMY	0.2784, 0.2392, 0.1098
CMYK	0.19, 0.15, 0.00, 0.11
HSL	226°, 43%, 81%
HSV	226°, 19%, 89%
XYZ	52.9241, 54.3200, 80.3685
YIQ	194.7720, -16.5530, 8.1430

Conversions

Conversions Part 2

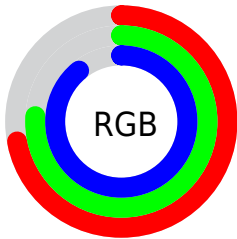
Format	Color
RYB	184, 192, 227
Decimal	12108515
CIELab	78.65, 3.38, -17.56
CIELCh	79, 17.884, 280.900
Yxy	54.3200, 0.2821, 0.2895
Android (android.graphics.Color)	4290298595 (0xFFB8C2E3)
YUV	194.7720, 15.8884, -9.4470
Hunter-Lab	73.7021, -0.8012, -13.0613

Details

The XYZ color **52.9241, 54.3200, 80.3685** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.1436, 69.4173, 55.3141**, and the grayscale version is **51.6530, 54.3430, 59.1795**.

A 20% lighter version of the original color is **88.1708, 94.1165, 108.1269**, and **26.1772, 26.7741, 42.8180** is the 20% darker color. If you saturate the color by 10%, you get **44.2644, 44.4349, 78.9178**, and if you desaturate by 10%, it is **62.9142, 65.5683, 82.0140**.

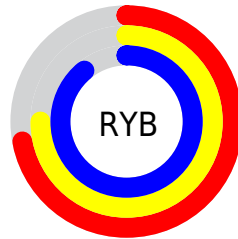
Distribution



Red (72%)

Green (76%)

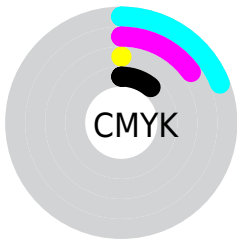
Blue (89%)



Red (72%)

Yellow (75%)

Blue (89%)

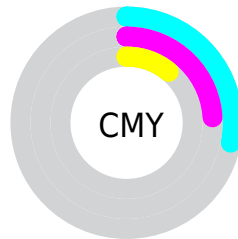


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9241, 54.3200, 80.3685 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 52.9241, 54.3200, 80.3685 by changing the saturation by 10% instead.

■ 52.9241, 54.3200,
80.3685

■ 52.9241, 54.3200,
80.3685

388.2595,
403.3291, 515.9133

■ 37.9694, 38.8576,
59.4937

■ 93.6589, 96.5439,
135.6998

■ 26.1361, 26.6489,
42.5880

120.1696,
124.0742, 170.9933

■ 17.0587, 17.3097,
29.2330

151.2632,
156.3959, 211.9302

■ 10.3719, 10.4556,
19.0101

187.3048,
193.8934, 258.9289

■ 5.7104, 5.7020,
11.5007

228.6599,
236.9510, 312.4081

■ 2.7088, 2.6648,
6.2863

275.6938,

■ 1.0017, 0.9593,

285.9533, 372.7861

2.9483

328.7719,
341.2845, 440.4817

■ 0.0000, 0.0000,
1.0683

■ 0.0000, 0.0000,
0.0000

■ 52.9241, 54.3200,
80.3685

■ 52.9241, 54.3200,
80.3685

■ 44.2644, 44.4349,
78.9178

■ 62.9142, 65.5683,
82.0140

■ 36.8729, 35.8538,
77.6510

■ 74.2832, 78.2228,
83.8573

■ 30.6898, 28.5225,
76.5618

■ 87.0835, 92.3330,
85.9062

■ 25.6484, 22.3806,
75.6421

■ 90.8653, 98.3261,
86.8637

■ 21.6752, 17.3625,
74.8829

■ 18.6877, 13.3954,
74.2746

■ 16.5903, 10.3972,
73.8064

■ 15.2447, 8.2604,
73.4649

■ 15.1294, 8.0743,
73.4351

Harmonies

Analogous

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



49.4395, 54.3200, 79.4888



52.9241, 54.3200, 80.3685



56.2039, 54.3200, 75.0944

Triad

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



52.9241, 54.3200, 80.3685



56.9336, 54.3200, 47.3052



45.4756, 54.3200, 53.0077

Complementary

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



52.9241, 54.3200, 80.3685



65.1436, 69.4173, 55.3141

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.



47.3104, 54.3200, 45.6312



52.9241, 54.3200, 80.3685



53.8833, 54.3200, 42.6075

Square

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



52.9241, 54.3200, 80.3685



58.5880, 54.3200, 55.5439



50.3562, 54.3200, 42.0317



45.2451, 54.3200, 62.8990

Rectangle

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



52.9241, 54.3200, 80.3685



57.7924, 54.3200, 69.1153



50.3562, 54.3200, 42.0317



45.9211, 54.3200, 50.1833

Sweetspot

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



52.9258, 54.3222, 80.3697



86.0115, 89.9491, 107.4364



59.7574, 70.1376, 76.0123



18.2080, 19.0274, 22.9629



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.



52.9258, 54.3222, 80.3697



63.9508, 65.0922, 103.8012



53.6333, 51.4927, 79.7863



13.8535, 14.4285, 18.1991



8.8972, 4.8566, 42.8517



0.7274, 0.4986, 3.1899

Inverse Universe

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



58.5580, 54.5083, 58.4762



72.6909, 65.5507, 69.7891



64.3031, 72.9279, 56.0361



14.5137, 14.4227, 15.6393



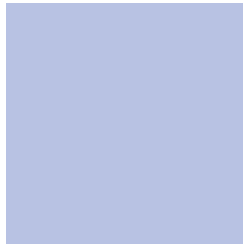
18.8844, 9.6880, 3.0204



1.4308, 0.7300, 0.4089

Previews

White Background



This preview shows how the XYZ color 52.9241, 54.3200, 80.3685 looks on a white background.

Color Contrast Check

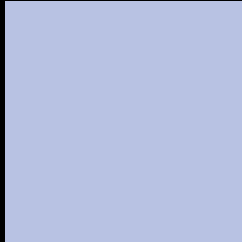
Large Text (above 18pt) WCAG AA × Fail

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 52.9241, 54.3200, 80.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

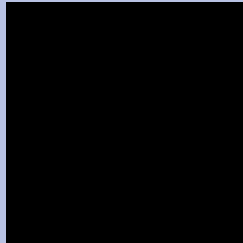
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9241, 54.3200, 80.3685

Background



This preview shows how black text looks on a background with the XYZ color 52.9241, 54.3200, 80.3685.

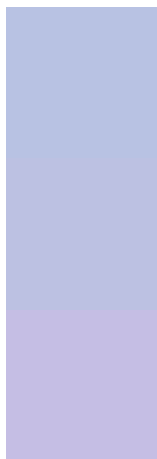


This preview shows how white text looks on a background with the XYZ color 52.9241, 54.3200,

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

52.9241, 54.3200, 80.3685

Protanopia

53.5365, 54.3223, 79.6151

Deuteranopia

55.4430, 54.2987, 80.9573



Tritanopia

50.9060, 54.5097, 70.1258

Trichromacy



Original Color

52.9241, 54.3200, 80.3685

Protanomaly

53.2909, 54.1957, 79.6036

Deuteranomaly

54.3726, 54.0695, 80.9695

Tritanomaly

51.5557, 54.4347, 73.4353

Monochromacy



Original Color

52.9241, 54.3200, 80.3685

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.2634, 54.6116, 66.8180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9241, 54.3200, 80.3685 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 227) }
```

Border

The CSS property to change the border of an element to XYZ 52.9241, 54.3200, 80.3685 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, 227) }
```


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

```
.border{ border-color:rgb(184, 194, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 227);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9241, 54.3200, 80.3685 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, 227) }
```

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

```
.background{ background-color: rgb(184,  
194, 227) }
```

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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