

Converting Colors

XYZ(52.5605, 54.6039, 80.1314)

Have a look what the booklet for
XYZ(52.5605, 54.6039, 80.1314)
contains.

XYZ(52.4363, 54.4000, 80.4096)	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(52.4363, 54.4000,
80.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C3E3
RGB	181, 195, 227
RGB Percent	71%, 76%, 89%
CMY	0.2902, 0.2353, 0.1098
CMYK	0.20, 0.14, 0.00, 0.11
HSL	222°, 45%, 80%
HSV	222°, 20%, 89%
XYZ	52.4363, 54.4000, 80.4096
YIQ	194.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

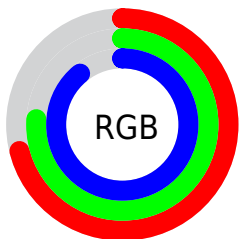
Format	Color
R_{YB}	181, 192, 227
Decimal	11912163
CIE _{Lab}	78.69, 1.91, -17.51
CIE _{LCh}	79, 17.616, 276.237
Yxy	54.4000, 0.2800, 0.2905
Android (android.graphics.Color)	4290102243 (0xFFB5C3E3)
YUV	194.4620, 16.0412, -11.8062
Hunter-Lab	73.7564, -2.1709, -13.0088

Details

The XYZ color **52.4363, 54.4000, 80.4096** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.8139, 67.2558, 53.3358**, and the grayscale version is **51.4690, 54.1494, 58.9687**.

A 20% lighter version of the original color is **87.4722, 94.2189, 108.1835**, and **25.8734, 26.6175, 42.8037** is the 20% darker color. If you saturate the color by 10%, you get **44.1884, 45.1718, 79.0640**, and if you desaturate by 10%, it is **61.9290, 64.8280, 81.9230**.

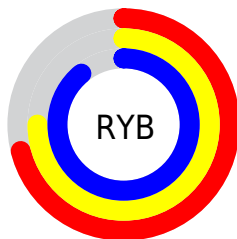
Distribution



Red (71%)

Green (76%)

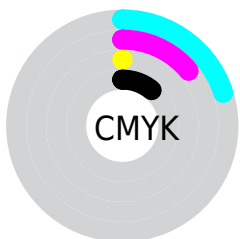
Blue (89%)



Red (71%)

Yellow (75%)

Blue (89%)

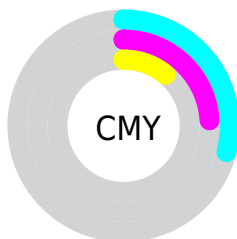


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4363, 54.4000, 80.4096 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 52.4363, 54.4000, 80.4096 by changing the saturation by 10% instead.

■ 52.4363, 54.4000,
80.4096

■ 52.4363, 54.4000,
80.4096

386.4150,
403.6335, 516.0553

■ 37.5786, 38.9215,
59.5273

■ 92.9448, 96.6613,
135.7581

■ 25.8315, 26.6987,
42.6150

119.3263,
124.2129, 171.0613

■ 16.8297, 17.3471,
29.2540

150.2799,
156.5578, 212.0086

■ 10.2077, 10.4823,
19.0258

186.1708,
194.0802, 259.0186

■ 5.6002, 5.7199,
11.5119

227.3644,
237.1646, 312.5097

■ 2.6419, 2.6755,
6.2938

274.2260,

■ 0.9673, 0.9648,

286.1953, 372.9004

2.9529

327.1211,
341.5568, 440.6095

■ 0.0000, 0.0000,
1.0706

■ 0.0000, 0.0000,
0.0000

■ 52.4363, 54.4000,
80.4096

■ 52.4363, 54.4000,
80.4096

■ 44.1884, 45.1718,
79.0640

■ 61.9290, 64.8280,
81.9230

■ 37.1266, 37.0920,
77.8766

■ 72.7115, 76.4915,
83.6060

■ 31.1952, 30.1151,
76.8426

■ 84.8329, 89.4328,
85.4650

■ 26.3313, 24.1897,
75.9552

■ 90.8653, 98.3261,
86.8637

■ 22.4660, 19.2600,
75.2074

■ 19.5211, 15.2641,
74.5913

■ 17.4054, 12.1318,
74.0982

■ 15.9994, 9.8143,
73.7250

Harmonies

Analogous

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



49.0545, 54.4000, 78.5700



52.4363, 54.4000, 80.4096



55.7648, 54.4000, 76.0821

Triad

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



52.4363, 54.4000, 80.4096



57.2956, 54.4000, 48.6061



45.8172, 54.4000, 51.8374

Complementary

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



52.4363, 54.4000, 80.4096



63.8139, 67.2558, 53.3358

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.



47.8482, 54.4000, 45.0744



52.4363, 54.4000, 80.4096



54.4504, 54.4000, 43.3604

Square

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



52.4363, 54.4000, 80.4096



58.6503, 54.4000, 57.1737



50.9817, 54.4000, 42.1438



45.3319, 54.4000, 61.3398

Rectangle

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



52.4363, 54.4000, 80.4096



57.4733, 54.4000, 70.5399



50.9817, 54.4000, 42.1438



46.3372, 54.4000, 49.2028

Sweetspot

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



52.4380, 54.4022, 80.4108



86.3417, 90.6093, 107.5464



58.4647, 69.5384, 72.9163



18.2859, 19.1831, 22.9889



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.



52.4380, 54.4022, 80.4108



63.8976, 65.9644, 103.9724



51.4842, 49.4695, 79.5090



13.9388, 14.5990, 18.2276



9.4209, 5.9040, 43.0262



0.7759, 0.5956, 3.2060

Inverse Universe

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



58.0541, 53.3202, 58.8642



72.4251, 64.5297, 71.2095



64.8938, 73.2683, 54.4394



14.5567, 14.4399, 15.8659



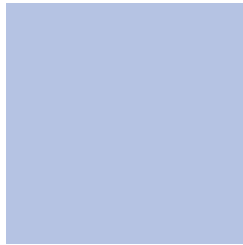
19.1488, 9.7937, 4.4123



1.4552, 0.7398, 0.5379

Previews

White Background



This preview shows how the XYZ color 52.4363, 54.4000, 80.4096 looks on a white background.

Color Contrast Check

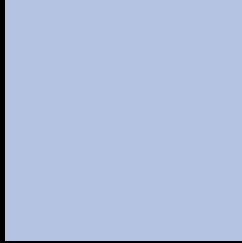
Large Text (above 18pt) WCAG AA × Fail

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 52.4363, 54.4000, 80.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

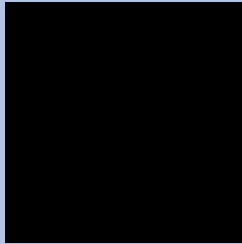
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4363, 54.4000, 80.4096

Background



This preview shows how black text looks on a background with the XYZ color 52.4363, 54.4000, 80.4096.



This preview shows how white text looks on a background with the XYZ color 52.4363, 54.4000,

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

52.4363, 54.4000, 80.4096

Protanopia

53.7837, 54.4497, 79.6266

Deuteranopia

55.4430, 54.2987, 80.9573



Tritanopia

50.3366, 54.2016, 70.7597

Trichromacy



Original Color

52.4363, 54.4000, 80.4096

Protanomaly

53.2690, 54.5137, 79.6661

Deuteranomaly

54.3391, 54.3771, 81.0306

Tritanomaly

50.9852, 54.1255, 74.0897

Monochromacy



Original Color

52.4363, 54.4000, 80.4096

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4186, 53.8586, 66.0782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4363, 54.4000, 80.4096 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(181, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(181, 195, 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(181, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 195, 227) }
```

Border

The CSS property to change the border of an element to XYZ 52.4363, 54.4000, 80.4096 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(181, 195, 227) }
```


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

```
.border{ border-color:rgb(181, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 195, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 195, 227); box-shadow:4px 4px 4px 4px rgb(181, 195, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4363, 54.4000, 80.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 195, 227) }
```

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

```
.background{ background-color: rgb(181,  
195, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor