

Converting Colors

XYZ(54.4743, 58.8408, 83.3492)

Have a look what the booklet for
XYZ(54.4743, 58.8408, 83.3492)
contains.

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Color

**XYZ(54.4743, 58.8408,
83.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CDE6
RGB	178, 205, 230
RGB Percent	70%, 80%, 90%
CMY	0.3020, 0.1961, 0.0980
CMYK	0.23, 0.11, 0.00, 0.10
HSL	209°, 51%, 80%
HSV	209°, 23%, 90%
XYZ	54.4743, 58.8408, 83.3492
YIQ	199.7770, -24.1170, 2.0510

Conversions

Conversions Part 2

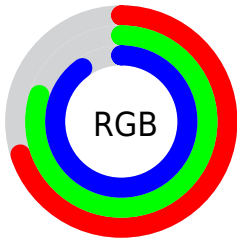
Format	Color
R _Y B	178, 196, 230
Decimal	11718118
CIE Lab	81.20, -3.66, -15.36
CIE LCh	81, 15.791, 256.606
Yxy	58.8408, 0.2770, 0.2992
Android (android.graphics.Color)	4289908198 (0xFFB2CDE6)
YUV	199.7770, 14.8999, -19.0984
Hunter-Lab	76.7078, -7.4761, -10.7280

Details

The XYZ color **54.4743, 58.8408, 83.3492** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.0254, 62.7492, 50.9634**, and the grayscale version is **54.6859, 57.5338, 62.6543**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **27.0188, 29.4743, 44.3095** is the 20% darker color. If you saturate the color by 10%, you get **47.0812, 51.2423, 82.2732**, and if you desaturate by 10%, it is **62.9427, 67.2741, 84.5316**.

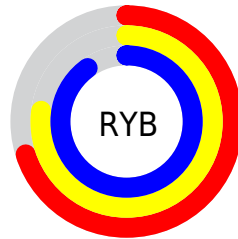
Distribution



Red (70%)

Green (80%)

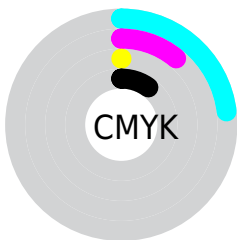
Blue (90%)



Red (70%)

Yellow (77%)

Blue (90%)

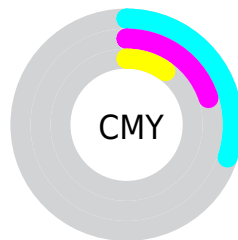


Cyan (23%)

Magenta (11%)

Yellow (0%)

Black (10%)



Cyan (30%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4743, 58.8408, 83.3492 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 54.4743, 58.8408, 83.3492 by changing the saturation by 10% instead.

■ 54.4743, 58.8408,
83.3492

■ 54.4743, 58.8408,
83.3492

394.0850,
420.3117, 526.1510

■ 39.2132, 42.4850,
61.9360

■ 95.9231, 103.1462,
139.9180

■ 27.1071, 29.4812,
44.5455

122.8415,
131.8647, 175.9107

■ 17.7907, 19.4452,
30.7593

154.3764,
165.4727, 217.6004

■ 10.8986, 11.9924,
20.1587

190.8930,
204.3549, 265.4054

■ 6.0655, 6.7385,
12.3252

232.7569,
248.8954, 319.7445

■ 2.9260, 3.2991,
6.8403

280.3332,

■ 1.1147, 1.2898,

299.4788, 381.0361

3.2855

333.9875,
356.4894, 449.6988

■ 0.0374, 0.1333,
1.2422

■ 0.0000, 0.0000,
0.0137

■ 54.4743, 58.8408,
83.3492

■ 54.4743, 58.8408,
83.3492

■ 47.0812, 51.2423,
82.2732

■ 62.9427, 67.2741,
84.5316

■ 40.7102, 44.4409,
81.2962

■ 72.5256, 76.5635,
85.8196

■ 35.3110, 38.4066,
80.4160

■ 83.2671, 86.7385,
87.2174

■ 30.8271, 33.1038,
79.6288

■ 89.4702, 94.8674,
88.4595

■ 27.1950, 28.4938,
78.9304

■ 91.2831, 98.4932,
89.0638

■ 24.3423, 24.5326,
78.3161

■ 22.1824, 21.1686,
77.7807

■ 20.9318, 19.0106,
77.4301

Harmonies

Analogous

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



51.6936, 58.8408, 78.1487



54.4743, 58.8408, 83.3492



57.7531, 58.8408, 83.0366

Triad

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



54.4743, 58.8408, 83.3492



62.2077, 58.8408, 59.0302



51.4562, 58.8408, 52.4137

Complementary

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



54.4743, 58.8408, 83.3492



62.0254, 62.7492, 50.9634

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.



54.1387, 58.8408, 48.2327



54.4743, 58.8408, 83.3492



60.3842, 58.8408, 51.7886

Square

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



54.4743, 58.8408, 83.3492



62.3062, 58.8408, 68.3551



57.4041, 58.8408, 48.0157



49.9977, 58.8408, 59.9633

Rectangle

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



54.4743, 58.8408, 83.3492



59.7825, 58.8408, 79.7330



57.4041, 58.8408, 48.0157



52.2398, 58.8408, 50.6015

Sweetspot

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



54.4761, 58.8432, 83.3505



86.1086, 91.4172, 107.7146



57.3503, 70.3366, 66.5976



18.2730, 19.4141, 23.0342



0.0000, 0.0000, 0.0000



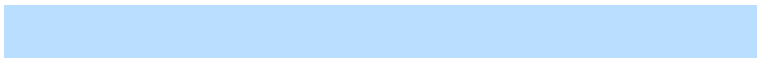
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.4761, 58.8432, 83.3505



64.4315, 69.8686, 104.6978



48.9117, 47.7144, 81.4957



14.1989, 15.1191, 18.3143



11.9735, 11.0091, 43.8771



0.9777, 0.9994, 3.2733

Inverse Universe

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



59.5744, 53.0729, 64.8645



72.0022, 61.7097, 77.1549



68.4868, 75.6720, 53.1172



14.6880, 14.4924, 16.5572



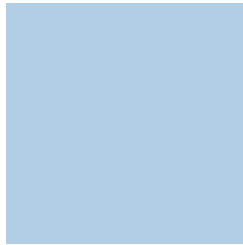
20.4372, 10.3091, 11.1970



1.5571, 0.7806, 1.0744

Previews

White Background



This preview shows how the XYZ color 54.4743, 58.8408, 83.3492 looks on a white background.

Color Contrast Check

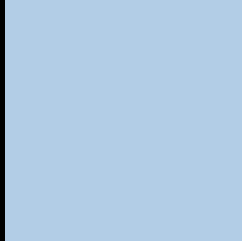
Large Text (above 18pt) WCAG AA × Fail

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 54.4743, 58.8408, 83.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

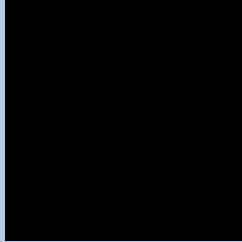
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

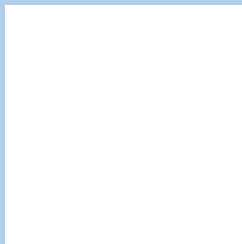
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4743, 58.8408, 83.3492

Background



This preview shows how black text looks on a background with the XYZ color 54.4743, 58.8408, 83.3492.



This preview shows how white text looks on a background with the XYZ color 54.4743, 58.8408,

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

54.4743, 58.8408, 83.3492

Protanopia

57.5454, 58.7249, 80.9751

Deuteranopia

59.7590, 58.4279, 84.4720



Tritanopia

53.5221, 58.8174, 78.3440

Trichromacy



Original Color

54.4743, 58.8408, 83.3492

Protanomaly

56.3593, 58.7896, 81.7759

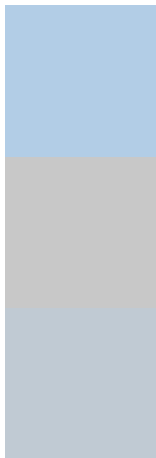
Deuteranomaly

57.6122, 58.3521, 83.8279

Tritanomaly

53.9302, 58.9807, 80.4935

Monochromacy



Original Color

54.4743, 58.8408, 83.3492

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6166, 58.1507, 69.9736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4743, 58.8408, 83.3492 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(178, 205, 230) looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 230)  
}
```

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(178, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.4743, 58.8408, 83.3492 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(178, 205, 230) }
```


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

```
.border{ border-color:rgb(178, 205, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 205, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 205,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4743, 58.8408, 83.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 205, 230) }
```

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

```
.background{ background-color: rgb(178,  
205, 230) }
```

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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