

Converting Colors

XYZ(57.3781, 58.4709, 83.0743)

Have a look what the booklet for
XYZ(57.3781, 58.4709, 83.0743)
contains.

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Color

**XYZ(57.4429, 58.6238,
83.1509)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C8E6
RGB	195, 200, 230
RGB Percent	76%, 78%, 90%
CMY	0.2353, 0.2157, 0.0980
CMYK	0.15, 0.13, 0.00, 0.10
HSL	231°, 41%, 83%
HSV	231°, 15%, 90%
XYZ	57.4429, 58.6238, 83.1509
YIQ	201.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

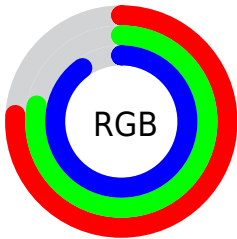
Format	Color
R_{YB}	195, 199, 230
Decimal	12830950
CIE _{Lab}	81.08, 4.27, -15.42
CIE _{LCh}	81, 16.003, 285.472
Yxy	58.6238, 0.2883, 0.2943
Android (android.graphics.Color)	4291021030 (0xFFC3C8E6)
YUV	201.9250, 13.8410, -6.0732
Hunter-Lab	76.5662, -0.0732, -10.7926

Details

The XYZ color **57.4429, 58.6238, 83.1509** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.4092, 74.6135, 62.3747**, and the grayscale version is **56.0158, 58.9330, 64.1780**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.9034, 29.2765, 44.1720** is the 20% darker color. If you saturate the color by 10%, you get **47.6770, 47.2444, 81.4701**, and if you desaturate by 10%, it is **68.7164, 71.6572, 85.0734**.

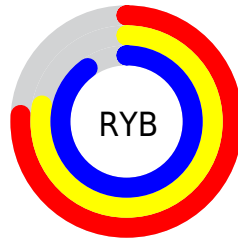
Distribution



Red (76%)

Green (78%)

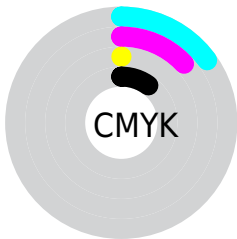
Blue (90%)



Red (76%)

Yellow (78%)

Blue (90%)

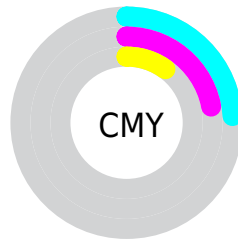


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (10%)



Cyan (24%)

Magenta (22%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4429, 58.6238, 83.1509 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 57.4429, 58.6238, 83.1509 by changing the saturation by 10% instead.

■ 57.4429, 58.6238,
83.1509

■ 57.4429, 58.6238,
83.1509

405.0942,
419.5064, 525.4735

■ 41.6025, 42.3104,
61.7733

100.2388,
102.8307, 139.6379

■ 28.9799, 29.3444,
44.4149

127.9249,
131.4929, 175.5844

■ 19.2098, 19.3415,
30.6573

160.2904,
165.0402, 217.2243

■ 11.9269, 11.9173,
20.0817

197.7004,
203.8570, 264.9761

■ 6.7658, 6.6874,
12.2698

240.5205,
248.3276, 319.2584

■ 3.3611, 3.2674,
6.8029

289.1159,

■ 1.3475, 1.2729,

298.8364, 380.4897

3.2626

343.8521,
355.7679, 449.0885

■ 0.2183, 0.1200,
1.2302

■ 0.0000, 0.0000,
0.0036

■ 57.4429, 58.6238,
83.1509

■ 57.4429, 58.6238,
83.1509

■ 47.6770, 47.2444,
81.4701

■ 68.7164, 71.6572,
85.0734

■ 39.3492, 37.4456,
80.0177

■ 81.5523, 86.3998,
87.2424

■ 32.3926, 29.1591,
78.7849

■ 91.2831, 98.4932,
89.0638

■ 26.7327, 22.3087,
77.7609

■ 22.2880, 16.8117,
76.9342

■ 18.9672, 12.5766,
76.2917

■ 16.6662, 9.5001,
75.8192

■ 15.2598, 7.4617,
75.4999

■ 14.8234, 6.7938,
75.3939

Harmonies

Analogous

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



54.1319, 58.6238, 83.2440



57.4429, 58.6238, 83.1509



60.4027, 58.6238, 77.5495

Triad

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



57.4429, 58.6238, 83.1509



60.3242, 58.6238, 51.6492



49.7584, 58.6238, 59.3481

Complementary

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



57.4429, 58.6238, 83.1509



69.4092, 74.6135, 62.3747

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.



51.2861, 58.6238, 51.8346



57.4429, 58.6238, 83.1509



57.3392, 58.6238, 47.6989

Square

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



57.4429, 58.6238, 83.1509



62.1108, 58.6238, 59.0710



54.0322, 58.6238, 47.7632



49.7837, 58.6238, 68.8408

Rectangle

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



57.4429, 58.6238, 83.1509



61.7404, 58.6238, 71.7371



54.0322, 58.6238, 47.7632



50.1046, 58.6238, 56.5289

Sweetspot

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



57.4447, 58.6262, 83.1522



87.1262, 90.8863, 107.5585



64.3602, 73.6195, 81.8744



18.4189, 19.1887, 22.9830



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.



57.4447, 58.6262, 83.1522



68.8416, 69.7276, 104.4382



59.6013, 58.0462, 82.9266



13.7482, 14.2178, 18.1640



8.4448, 3.9518, 42.7009



0.6767, 0.3972, 3.1730

Inverse Universe

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



62.5750, 60.0248, 62.9341



76.4157, 71.8503, 74.5764



66.9870, 75.4018, 62.6546



14.4605, 14.4014, 15.3593



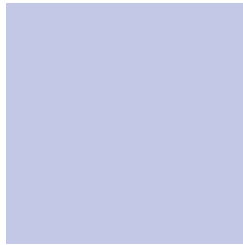
18.6561, 9.5966, 1.8179



1.4052, 0.7198, 0.2742

Previews

White Background



This preview shows how the XYZ color 57.4429, 58.6238, 83.1509 looks on a white background.

Color Contrast Check

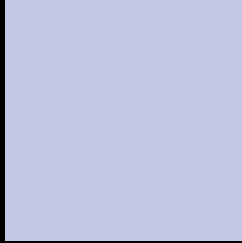
Large Text (above 18pt) WCAG AA × Fail

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 57.4429, 58.6238, 83.1509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

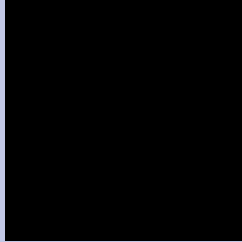
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4429, 58.6238, 83.1509

Background



This preview shows how black text looks on a background with the XYZ color 57.4429, 58.6238, 83.1509.



This preview shows how white text looks on a background with the XYZ color 57.4429, 58.6238,

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

57.4429, 58.6238, 83.1509

Protanopia

57.7022, 58.7575, 83.1630

Deuteranopia

59.8959, 58.5148, 83.7389



Tritanopia

55.7677, 58.6405, 74.7091

Trichromacy



Original Color

57.4429, 58.6238, 83.1509

Protanomaly

57.7022, 58.7575, 83.1630

Deuteranomaly

59.0187, 58.3985, 83.7627

Tritanomaly

56.3196, 58.5165, 77.4337

Monochromacy



Original Color

57.4429, 58.6238, 83.1509

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3235, 58.6689, 70.6430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4429, 58.6238, 83.1509 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(195, 200, 230)` looks like.

```
.text, #text, p{  
    color:rgb(195, 200, 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(195, 200, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 200, 230) }
```

Border

The CSS property to change the border of an element to XYZ 57.4429, 58.6238, 83.1509 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(195, 200, 230) }
```


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

```
.border{ border-color:rgb(195, 200, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 200, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 200, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 200, 230);  
box-shadow:4px 4px 4px 4px rgb(195, 200,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4429, 58.6238, 83.1509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 200, 230) }
```

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

```
.background{ background-color: rgb(195,  
200, 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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