

Converting Colors

XYZ(58.6199, 60.9779, 83.5432)

Have a look what the booklet for
XYZ(58.6199, 60.9779, 83.5432)
contains.

XYZ(58.6199, 60.9779, 83.5432)	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(58.6199, 60.9779,
83.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CDE6
RGB	195, 205, 230
RGB Percent	76%, 80%, 90%
CMY	0.2353, 0.1961, 0.0980
CMYK	0.15, 0.11, 0.00, 0.10
HSL	223°, 41%, 83%
HSV	223°, 15%, 90%
XYZ	58.6199, 60.9779, 83.5432
YIQ	204.8600, -13.9850, 5.6550

Conversions

Conversions Part 2

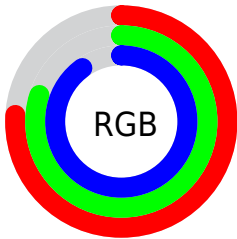
Format	Color
R _{YB}	195, 203, 230
Decimal	12832230
CIE Lab	82.37, 1.61, -13.50
CIE LCh	82, 13.594, 276.796
Yxy	60.9779, 0.2886, 0.3002
Android (android.graphics.Color)	4291022310 (0xFFC3CDE6)
YUV	204.8600, 12.3940, -8.6472
Hunter-Lab	78.0883, -2.6570, -8.7699

Details

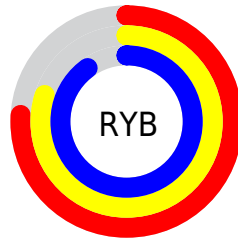
The XYZ color **58.6199, 60.9779, 83.5432** is a light color, and the websafe version is hex **CCCCCC**, and the color name is [periwinkle \(crayola\)](#). A complement of this color would be **68.0770, 71.9493, 61.9306**, and the grayscale version is **57.8710, 60.8847, 66.3035**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.6911, 30.8519, 44.4345** is the 20% darker color. If you saturate the color by 10%, you get **49.4037, 50.6978, 82.0457**, and if you desaturate by 10%, it is **69.1677, 72.5601, 85.2238**.

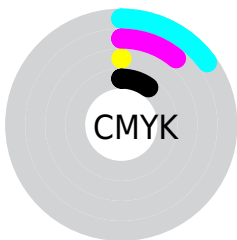
Distribution



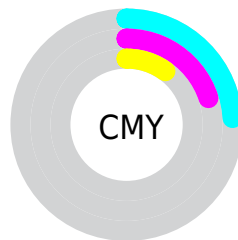
- Red (76%)
- Green (80%)
- Blue (90%)



- Red (76%)
- Yellow (80%)
- Blue (90%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6199, 60.9779, 83.5432 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 58.6199, 60.9779, 83.5432 by changing the saturation by 10% instead.

■ 58.6199, 60.9779,
83.5432

■ 58.6199, 60.9779,
83.5432

409.4086,
428.1930, 526.8134

■ 42.5524, 44.2073,
62.0952

101.9428,
106.2469, 140.1920

■ 29.7271, 30.8335,
44.6733

129.9289,
135.5142, 176.2299

■ 19.7786, 20.4721,
30.8591

162.6187,
169.7158, 217.9681

■ 12.3415, 12.7387,
20.2340

200.3773,
209.2362, 265.8252

■ 7.0506, 7.2489,
12.3795

243.5703,
254.4597, 320.2198

■ 3.5404, 3.6182,
6.8770

292.5629,

■ 1.4455, 1.4624,

305.7707, 381.5703

3.3080

347.7206,
363.5537, 450.2953

■ 0.2883, 0.2620,
1.2540

■ 0.0000, 0.0000,
0.0236

■ 58.6199, 60.9779,
83.5432

■ 58.6199, 60.9779,
83.5432

■ 49.4037, 50.6978,
82.0457

■ 69.1677, 72.5601,
85.2238

■ 41.4591, 41.6654,
80.7210

■ 81.0929, 85.4811,
87.0893

■ 34.7297, 33.8333,
79.5639

■ 91.0555, 98.0381,
88.9880

■ 29.1525, 27.1482,
78.5675

■ 91.2831, 98.4932,
89.0638

■ 24.6583, 21.5524,
77.7243

■ 21.1703, 16.9827,
77.0261

■ 18.6003, 13.3683,
76.4639

■ 16.8426, 10.6272,
76.0274

■ 16.2157, 9.5784,
75.8580

Harmonies

Analogous

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



55.7889, 60.9779, 82.1763



58.6199, 60.9779, 83.5432



61.3613, 60.9779, 80.0174

Triad

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



58.6199, 60.9779, 83.5432



62.5373, 60.9779, 57.2834



52.9834, 60.9779, 60.3007

Complementary

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



58.6199, 60.9779, 83.5432



68.0770, 71.9493, 61.9306

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.



54.6823, 60.9779, 54.4129



58.6199, 60.9779, 83.5432



60.1820, 60.9779, 52.7750

Square

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



58.6199, 60.9779, 83.5432



63.6713, 60.9779, 64.5230



57.3004, 60.9779, 51.7695



52.5965, 60.9779, 68.3020

Rectangle

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



58.6199, 60.9779, 83.5432



62.7485, 60.9779, 75.5269



57.3004, 60.9779, 51.7695



53.4171, 60.9779, 58.0297

Sweetspot

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



58.6217, 60.9804, 83.5446



87.6773, 91.9885, 107.7422



63.6557, 73.3377, 78.1651



18.5524, 19.4557, 23.0275



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.



58.6217, 60.9804, 83.5446



70.5519, 73.1482, 105.0083



58.1563, 57.3012, 82.8589



13.9166, 14.5546, 18.2202



9.2706, 5.6033, 42.9761



0.7624, 0.5688, 3.2016

Inverse Universe

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



63.1691, 60.2624, 66.0629



77.2790, 72.1956, 79.1224



68.5796, 76.2228, 62.7290



14.5455, 14.4354, 15.8070



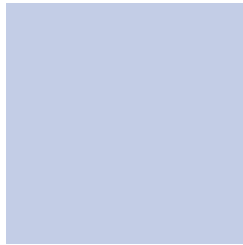
19.0729, 9.7634, 4.0128



1.4485, 0.7371, 0.5022

Previews

White Background



This preview shows how the XYZ color 58.6199, 60.9779, 83.5432 looks on a white background.

Color Contrast Check

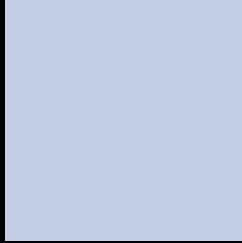
Large Text (above 18pt) WCAG AA × Fail

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 58.6199, 60.9779, 83.5432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

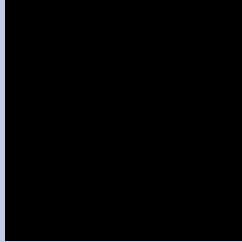
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6199, 60.9779, 83.5432

Background



This preview shows how black text looks on a background with the XYZ color 58.6199, 60.9779, 83.5432.



This preview shows how white text looks on a background with the XYZ color 58.6199, 60.9779,

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

58.6199, 60.9779, 83.5432

Protanopia

59.5862, 60.7865, 82.7212

Deuteranopia

61.9986, 60.6134, 84.0332



Tritanopia

57.6387, 60.9397, 78.5367

Trichromacy



Original Color

58.6199, 60.9779, 83.5432

Protanomaly

59.2889, 60.9850, 82.7752

Deuteranomaly

60.7640, 60.6646, 84.1081

Tritanomaly

58.0469, 61.1029, 80.6862

Monochromacy



Original Color

58.6199, 60.9779, 83.5432

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0563, 60.9352, 72.3201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6199, 60.9779, 83.5432 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, 205, 230)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 230) }
```

Border

The CSS property to change the border of an element to XYZ 58.6199, 60.9779, 83.5432 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, 205, 230) }
```


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

```
.border{ border-color:rgb(195, 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(195, 205, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 205, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 205, 230); box-shadow:4px 4px 4px 4px rgb(195, 205, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6199, 60.9779, 83.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 230) }
```

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

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

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