

Converting Colors

XYZ(59.3146, 60.5936, 83.2829)

Have a look what the booklet for
XYZ(59.3146, 60.5936, 83.2829)
contains.

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Color

**XYZ(59.4583, 60.7044,
83.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CBE6
RGB	200, 203, 230
RGB Percent	78%, 80%, 90%
CMY	0.2157, 0.2039, 0.0980
CMYK	0.13, 0.12, 0.00, 0.10
HSL	234°, 38%, 84%
HSV	234°, 13%, 90%
XYZ	59.4583, 60.7044, 83.4462
YIQ	205.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

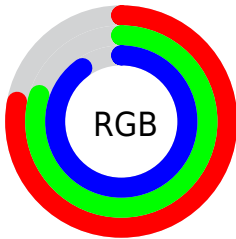
Format	Color
R _Y B	200, 203, 230
Decimal	13159398
CIE Lab	82.22, 4.26, -13.68
CIE LCh	82, 14.330, 287.307
Yxy	60.7044, 0.2920, 0.2981
Android (android.graphics.Color)	4291349478 (0xFFC8CBE6)
YUV	205.1810, 12.2358, -4.5437
Hunter-Lab	77.9130, -0.1279, -8.9615

Details

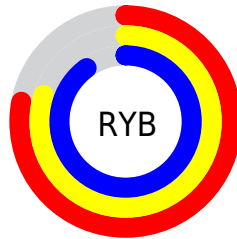
The XYZ color **59.4583, 60.7044, 83.4462** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.5279, 75.9310, 65.5839**, and the grayscale version is **58.0743, 61.0987, 66.5365**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2415, 30.6619, 44.3688** is the 20% darker color. If you saturate the color by 10%, you get **49.2058, 48.6421, 81.6593**, and if you desaturate by 10%, it is **71.2911, 74.5533, 85.4966**.

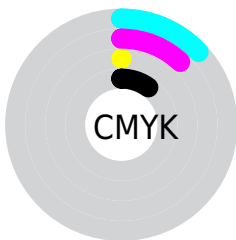
Distribution



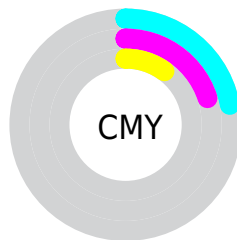
- Red (78%)
- Green (80%)
- Blue (90%)



- Red (78%)
- Yellow (80%)
- Blue (90%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4583, 60.7044, 83.4462 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 59.4583, 60.7044, 83.4462 by changing the saturation by 10% instead.

■ 59.4583, 60.7044,
83.4462

■ 59.4583, 60.7044,
83.4462

412.4650,
427.1893, 526.4823

■ 43.2299, 43.9867,
62.0156

103.1543,
105.8508, 140.0550

■ 30.2609, 30.6600,
44.6094

131.3526,
135.0483, 176.0703

■ 20.1857, 20.3401,
30.8092

164.2717,
169.1744, 217.7843

■ 12.6392, 12.6425,
20.1963

202.2768,
208.6136, 265.6154

■ 7.2558, 7.1828,
12.3524

245.7333,
253.7504, 319.9822

■ 3.6704, 3.5767,
6.8587

295.0066,

■ 1.5174, 1.4397,

304.9689, 381.3032

3.2968

350.4621,
362.6538, 449.9971

■ 0.3376, 0.2457,
1.2481

■ 0.0000, 0.0000,
0.0187

■ 59.4583, 60.7044,
83.4462

■ 59.4583, 60.7044,
83.4462

■ 49.2058, 48.6421,
81.6593

■ 71.2911, 74.5533,
85.4966

■ 40.4613, 38.2862,
80.1213

■ 84.7615, 90.2495,
87.8163

■ 33.1550, 29.5618,
78.8224

■ 91.2831, 98.4932,
89.0638

■ 27.2096, 22.3854,
77.7505

■ 22.5402, 16.6659,
76.8927

■ 19.0525, 12.3027,
76.2343

■ 16.6388, 9.1825,
75.7593

■ 15.1715, 7.1727,
75.4487

■ 14.5899, 6.3268,
75.3160

Harmonies

Analogous

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



56.4198, 60.7044, 83.8552



59.4583, 60.7044, 83.4462



62.1121, 60.7044, 78.1402

Triad

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



59.4583, 60.7044, 83.4462



61.7625, 60.7044, 54.5148



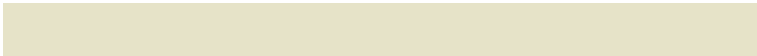
52.1685, 60.7044, 62.4778

Complementary

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



59.4583, 60.7044, 83.4462



70.5279, 75.9310, 65.5839

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.



53.4976, 60.7044, 55.3591



59.4583, 60.7044, 83.4462



58.9948, 60.7044, 51.0412

Square

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



59.4583, 60.7044, 83.4462



63.4742, 60.7044, 61.2296



55.9722, 60.7044, 51.3360



52.2827, 60.7044, 71.2153

Rectangle

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



59.4583, 60.7044, 83.4462



63.2737, 60.7044, 72.7841



55.9722, 60.7044, 51.3360



52.4593, 60.7044, 59.8321

Sweetspot

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



59.4601, 60.7069, 83.4476



88.5377, 92.3991, 107.7761



65.9136, 74.3925, 83.1979



18.6966, 19.4803, 23.0246



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.



59.4601, 60.7069, 83.4476



70.9849, 71.8361, 104.7322



61.9459, 60.9460, 83.3627



13.6983, 14.1180, 18.1474



8.3003, 3.6627, 42.6527



0.6529, 0.3498, 3.1651

Inverse Universe

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



64.0684, 62.4448, 65.1790



78.0292, 74.5312, 76.7976



67.7864, 75.7474, 65.6929



14.4353, 14.3913, 15.2267



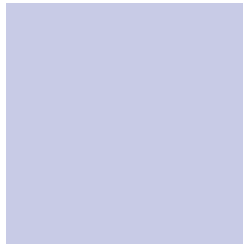
18.5831, 9.5675, 1.4337



1.3932, 0.7150, 0.2111

Previews

White Background



This preview shows how the XYZ color 59.4583, 60.7044, 83.4462 looks on a white background.

Color Contrast Check

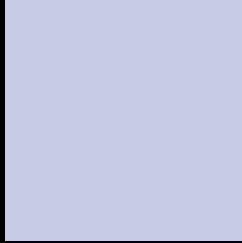
Large Text (above 18pt) WCAG AA × Fail

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 59.4583, 60.7044, 83.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

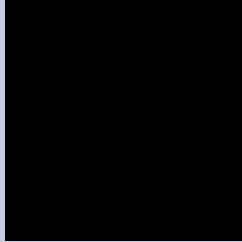
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4583, 60.7044, 83.4462

Background



This preview shows how black text looks on a background with the XYZ color 59.4583, 60.7044, 83.4462.



This preview shows how white text looks on a background with the XYZ color 59.4583, 60.7044,

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

59.4583, 60.7044, 83.4462

Protanopia

59.4583, 60.7044, 83.4462

Deuteranopia

61.9986, 60.6134, 84.0332



Tritanopia

58.1712, 60.8889, 77.0934

Trichromacy



Original Color

59.4583, 60.7044, 83.4462

Protanomaly

59.4583, 60.7044, 83.4462

Deuteranomaly

61.0905, 60.4880, 84.0568

Tritanomaly

58.6006, 60.7097, 79.1506

Monochromacy



Original Color

59.4583, 60.7044, 83.4462

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3591, 60.7373, 72.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4583, 60.7044, 83.4462 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(200, 203, 230) looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 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(200, 203, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 230) }
```

Border

The CSS property to change the border of an element to XYZ 59.4583, 60.7044, 83.4462 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(200, 203, 230) }
```


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

```
.border{ border-color:rgb(200, 203, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 230);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4583, 60.7044, 83.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 230) }
```

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

```
.background{ background-color: rgb(200,  
203, 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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