

Converting Colors

XYZ(57.6989, 60.6700, 83.9023)

Have a look what the booklet for
XYZ(57.6989, 60.6700, 83.9023)
contains.

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Color

**XYZ(57.7410, 60.5085,
84.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCDE7
RGB	191, 205, 231
RGB Percent	75%, 80%, 91%
CMY	0.2510, 0.1961, 0.0941
CMYK	0.17, 0.11, 0.00, 0.09
HSL	219°, 45%, 83%
HSV	219°, 17%, 91%
XYZ	57.7410, 60.5085, 84.2373
YIQ	203.7780, -16.6900, 5.1180

Conversions

Conversions Part 2

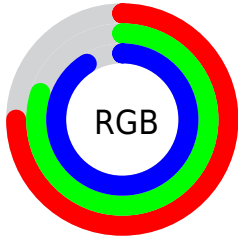
Format	Color
RYB	191, 201, 231
Decimal	12570087
CIELab	82.11, 0.56, -14.44
CIELCh	82, 14.451, 272.228
Yxy	60.5085, 0.2852, 0.2988
Android (android.graphics.Color)	4290760167 (0xFFBFCDE7)
YUV	203.7780, 13.4204, -11.2063
Hunter-Lab	77.7872, -3.6281, -9.7553

Details

The XYZ color **57.7410, 60.5085, 84.2373** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.1724, 70.3763, 59.3353**, and the grayscale version is **57.1814, 60.1593, 65.5134**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.1210, 30.5467, 44.9187** is the 20% darker color. If you saturate the color by 10%, you get **48.9631, 50.9065, 82.8476**, and if you desaturate by 10%, it is **67.7835, 71.2771, 85.7875**.

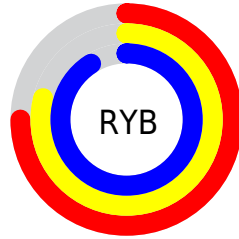
Distribution



Red (75%)

Green (80%)

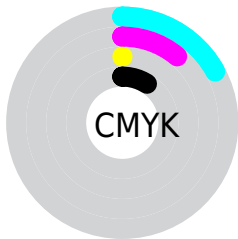
Blue (91%)



Red (75%)

Yellow (79%)

Blue (91%)

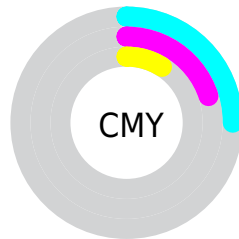


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7410, 60.5085, 84.2373 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 57.7410, 60.5085, 84.2373 by changing the saturation by 10% instead.

■ 57.7410, 60.5085,
84.2373

■ 57.7410, 60.5085,
84.2373

406.1896,
426.4696, 529.1795

■ 41.8429, 43.8286,
62.6649

■ 100.6707,
105.5670, 141.1718

■ 29.1689, 30.5358,
45.1309

128.4331,
134.7143, 177.3709

■ 19.3535, 20.2456,
31.2168

160.8809,
168.7863, 219.2826

■ 12.0315, 12.5737,
20.5042

198.3796,
208.1674, 267.3255

■ 6.8375, 7.1357,
12.5743

241.2944,
253.2418, 321.9181

■ 3.4061, 3.5471,
7.0088

289.9908,

■ 1.3720, 1.4236,

304.3941, 383.4789

3.3891

344.8341,
362.0085, 452.4266

■ 0.2361, 0.2340,
1.2966

■ 0.0000, 0.0000,
0.0590

■ 57.7410, 60.5085,
84.2373

■ 57.7410, 60.5085,
84.2373

■ 48.9631, 50.9065,
82.8476

■ 67.7835, 71.2771,
85.7875

■ 41.3917, 42.4223,
81.6090

■ 79.1343, 83.2440,
87.4991

■ 34.9723, 35.0142,
80.5174

■ 89.8638, 95.4292,
89.2856

■ 29.6438, 28.6351,
79.5670

■ 91.4240, 98.5496,
89.8057

■ 25.3391, 23.2338,
78.7513

■ 21.9827, 18.7539,
78.0635

■ 19.4876, 15.1319,
77.4959

■ 17.7418, 12.2899,
77.0393

■ 17.3563, 11.6341,
76.9331

Harmonies

Analogous

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



54.8078, 60.5085, 81.9814



57.7410, 60.5085, 84.2373



60.7133, 60.5085, 81.2245

Triad

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



57.7410, 60.5085, 84.2373



62.6446, 60.5085, 57.2828



52.4510, 60.5085, 58.3247

Complementary

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



57.7410, 60.5085, 84.2373



67.1724, 70.3763, 59.3353

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.



54.4243, 60.5085, 52.6070



57.7410, 60.5085, 84.2373



60.3027, 60.5085, 52.0441

Square

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



57.7410, 60.5085, 84.2373



63.6064, 60.5085, 65.2293



57.2826, 60.5085, 50.4103



51.8190, 60.5085, 66.5420

Rectangle

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



57.7410, 60.5085, 84.2373



62.2989, 60.5085, 76.7768



57.2826, 60.5085, 50.4103



52.9759, 60.5085, 56.0726

Sweetspot

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



57.7428, 60.5110, 84.2387



87.9269, 92.4878, 107.8254



62.5008, 73.2044, 76.0288



18.6129, 19.5768, 23.0476



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.



57.7428, 60.5110, 84.2387



67.9031, 70.9890, 104.7311



55.9077, 54.8131, 83.2356



13.9934, 14.7083, 18.2458



9.8353, 6.7327, 43.1643



0.8115, 0.6669, 3.2179

Inverse Universe

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



62.6067, 58.6598, 65.7831



75.1759, 68.4211, 77.0903



69.2406, 77.0294, 60.5105



14.5843, 14.4509, 16.0112



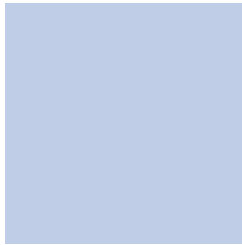
19.3579, 9.8774, 5.5138



1.4732, 0.7470, 0.6325

Previews

White Background



This preview shows how the XYZ color 57.7410, 60.5085, 84.2373 looks on a white background.

Color Contrast Check

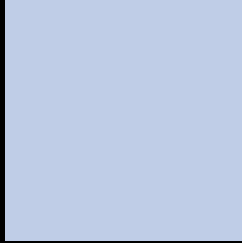
Large Text (above 18pt) WCAG AA × Fail

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 57.7410, 60.5085, 84.2373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

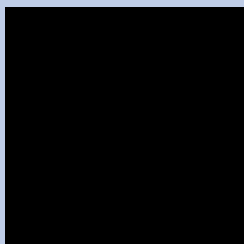
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7410, 60.5085, 84.2373

Background



This preview shows how black text looks on a background with the XYZ color 57.7410, 60.5085, 84.2373.



This preview shows how white text looks on a background with the XYZ color 57.7410, 60.5085,

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

57.7410, 60.5085, 84.2373

Protanopia

59.0828, 60.1776, 82.6302

Deuteranopia

61.5673, 60.3747, 84.7525



Tritanopia

56.3769, 60.2891, 78.4776

Trichromacy



Original Color

57.7410, 60.5085, 84.2373

Protanomaly

58.6648, 60.2954, 83.4091

Deuteranomaly

60.0807, 60.2960, 84.8156

Tritanomaly

57.0340, 60.5807, 80.6387

Monochromacy



Original Color

57.7410, 60.5085, 84.2373

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2837, 60.1829, 72.2156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7410, 60.5085, 84.2373 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(191, 205, 231)` looks like.

```
.text, #text, p{  
    color:rgb(191, 205, 231)  
}
```

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(191, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 205, 231) }
```

Border

The CSS property to change the border of an element to XYZ 57.7410, 60.5085, 84.2373 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(191, 205, 231) }
```


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

```
.border{ border-color:rgb(191, 205, 231) }
```

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

Here you see how a box with a 4 pixel rgb(191, 205, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(191, 205,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7410, 60.5085, 84.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 205, 231) }
```

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

```
.background{ background-color: rgb(191,  
205, 231) }
```

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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