

Converting Colors

XYZ(57.7438, 59.6250, 87.9978)

Have a look what the booklet for
XYZ(57.7438, 59.6250, 87.9978)
contains.

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Color

**XYZ(57.7315, 59.7152,
87.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	BECBEC
RGB	190, 203, 236
RGB Percent	75%, 80%, 93%
CMY	0.2549, 0.2039, 0.0745
CMYK	0.19, 0.14, 0.00, 0.07
HSL	223°, 55%, 84%
HSV	223°, 19%, 93%
XYZ	57.7315, 59.7152, 87.8403
YIQ	202.8750, -18.3410, 7.5070

Conversions

Conversions Part 2

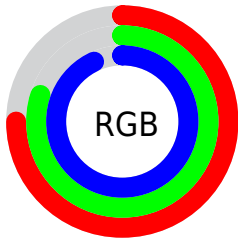
Format	Color
R_{YB}	190, 200, 236
Decimal	12504044
CIE _{Lab}	81.68, 2.39, -17.76
CIE _{LCh}	82, 17.925, 277.678
Yxy	59.7152, 0.2812, 0.2909
Android (android.graphics.Color)	4290694124 (0xFFBECBEC)
YUV	202.8750, 16.3306, -11.2914
Hunter-Lab	77.2756, -1.8775, -13.3029

Details

The XYZ color **57.7315, 59.7152, 87.8403** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.2746, 74.3260, 59.3591**, and the grayscale version is **56.5969, 59.5443, 64.8438**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **29.1390, 30.0244, 47.4395** is the 20% darker color. If you saturate the color by 10%, you get **48.5256, 49.3562, 86.3270**, and if you desaturate by 10%, it is **68.3321, 71.4443, 89.5465**.

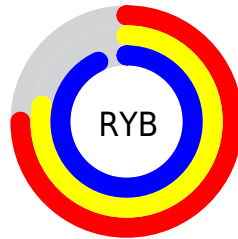
Distribution



Red (75%)

Green (80%)

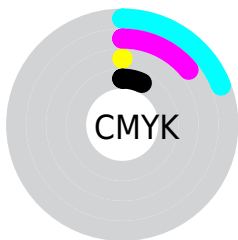
Blue (93%)



Red (75%)

Yellow (78%)

Blue (93%)

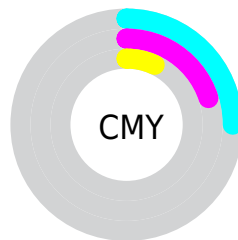


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7315, 59.7152, 87.8403 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 57.7315, 59.7152, 87.8403 by changing the saturation by 10% instead.

■ 57.7315, 59.7152,
87.8403

■ 57.7315, 59.7152,
87.8403

406.1547,
423.5472, 541.3679

■ 41.8353, 43.1891,
65.6272

■ 100.6570,
104.4164, 146.2440

■ 29.1629, 30.0335,
47.5153

128.4169,
133.3603, 183.2717

■ 19.3490, 19.8640,
33.0859

160.8621,
167.2123, 226.0747

■ 12.0282, 12.2963,
21.9206

198.3580,
206.3568, 275.0715

■ 6.8352, 6.9458,
13.6008

241.2698,
251.1781, 330.6807

■ 3.4047, 3.4282,
7.7080

289.9629,

■ 1.3712, 1.3592,

302.0607, 393.3208

3.8236

344.8028,
359.3889, 463.4103

■ 0.2356, 0.1863,
1.5291

■ 0.0000, 0.0000,
0.2394

■ 57.7315, 59.7152,
87.8403

■ 57.7315, 59.7152,
87.8403

■ 48.5256, 49.3562,
86.3270

■ 68.3321, 71.4443,
89.5465

■ 40.6491, 40.3084,
84.9957

■ 80.3779, 84.5848,
91.4480

■ 34.0394, 32.5192,
83.8406

■ 91.7565, 98.0683,
93.4508

■ 28.6267, 25.9296,
82.8540

■ 92.1405, 98.8362,
93.5788

■ 24.3337, 20.4752,
82.0274

■ 21.0738, 16.0851,
81.3519

■ 18.7457, 12.6787,
80.8171

■ 17.1967, 10.1463,
80.4099

■ 17.1303, 10.0358,
80.3921

Harmonies

Analogous

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



54.0486, 59.7152, 86.1771



57.7315, 59.7152, 87.8403



61.3045, 59.7152, 82.8736

Triad

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



57.7315, 59.7152, 87.8403



62.6902, 59.7152, 53.1381



50.3124, 59.7152, 57.4491

Complementary

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



57.7315, 59.7152, 87.8403



70.2746, 74.3260, 59.3591

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.



52.4411, 59.7152, 49.9340



57.7315, 59.7152, 87.8403



59.5555, 59.7152, 47.6438

Square

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



57.7315, 59.7152, 87.8403



64.2488, 59.7152, 62.2853



55.7945, 59.7152, 46.5393



49.8724, 59.7152, 67.8330

Rectangle

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



57.7315, 59.7152, 87.8403



63.1063, 59.7152, 76.7635



55.7945, 59.7152, 46.5393



50.8495, 59.7152, 54.5393

Sweetspot

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



57.7333, 59.7176, 87.8416



86.2415, 90.4090, 107.5130



64.5467, 76.2651, 81.1083



18.2622, 19.1358, 22.9810



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.



57.7333, 59.7176, 87.8416



64.6822, 66.5549, 104.0450



57.3656, 55.1593, 86.9812



14.5779, 15.2422, 19.0960



9.5371, 5.7212, 44.3446



0.8281, 0.6076, 3.5085

Inverse Universe

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



63.7865, 58.9731, 64.5237



73.0600, 65.6984, 71.7331



70.6653, 79.8839, 60.4113



15.2405, 15.1240, 16.5517



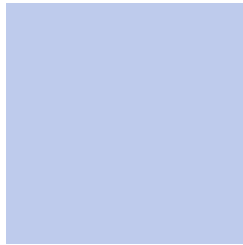
19.6692, 10.0704, 4.0593



1.5845, 0.8068, 0.5293

Previews

White Background



This preview shows how the XYZ color 57.7315, 59.7152, 87.8403 looks on a white background.

Color Contrast Check

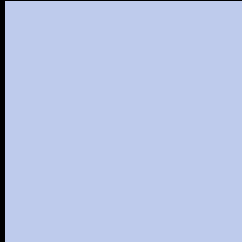
Large Text (above 18pt) WCAG AA × Fail

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 57.7315, 59.7152, 87.8403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

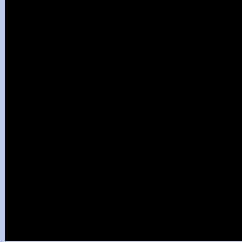
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7315, 59.7152, 87.8403

Background



This preview shows how black text looks on a background with the XYZ color 57.7315, 59.7152, 87.8403.



This preview shows how white text looks on a background with the XYZ color 57.7315, 59.7152,

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

57.7315, 59.7152, 87.8403

Protanopia

58.9080, 59.6418, 87.0045

Deuteranopia

60.9337, 59.6244, 88.4179



Tritanopia

55.5097, 59.5014, 77.6665

Trichromacy



Original Color

57.7315, 59.7152, 87.8403

Protanomaly

58.3641, 59.7086, 87.0460

Deuteranomaly

59.7598, 59.7023, 88.4948

Tritanomaly

56.1970, 59.4231, 81.1810

Monochromacy



Original Color

57.7315, 59.7152, 87.8403

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9104, 59.6239, 72.7991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7315, 59.7152, 87.8403 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(190, 203, 236)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 236)  
}
```

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(190, 203, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 236) }
```

Border

The CSS property to change the border of an element to XYZ 57.7315, 59.7152, 87.8403 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(190, 203, 236) }
```


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

```
.border{ border-color:rgb(190, 203, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 236);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7315, 59.7152, 87.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 236) }
```

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

```
.background{ background-color: rgb(190,  
203, 236) }
```

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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