

Converting Colors

XYZ(58.0388, 59.7312, 90.7932)

Have a look what the booklet for
XYZ(58.0388, 59.7312, 90.7932)
contains.

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Color

**XYZ(58.0704, 59.8220,
90.9242)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCBF0
RGB	189, 203, 240
RGB Percent	74%, 80%, 94%
CMY	0.2588, 0.2039, 0.0588
CMYK	0.21, 0.15, 0.00, 0.06
HSL	224°, 63%, 84%
HSV	224°, 21%, 94%
XYZ	58.0704, 59.8220, 90.9242
YIQ	203.0320, -20.2210, 8.5390

Conversions

Conversions Part 2

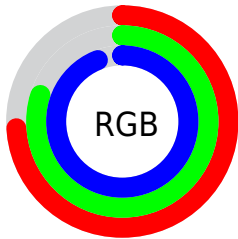
Format	Color
RYB	189, 200, 240
Decimal	12438512
CIELab	81.74, 2.97, -19.82
CIELCh	82, 20.039, 278.526
Yxy	59.8220, 0.2781, 0.2865
Android (android.graphics.Color)	4290628592 (0xFFBDCBF0)
YUV	203.0320, 18.2252, -12.3061
Hunter-Lab	77.3447, -1.3354, -15.5584

Details

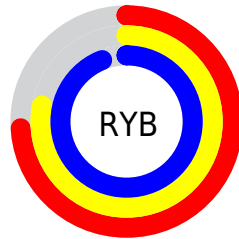
The XYZ color **58.0704, 59.8220, 90.9242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.3174, 76.5922, 59.1179**, and the grayscale version is **56.6847, 59.6367, 64.9443**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.3908, 30.1065, 49.6095** is the 20% darker color. If you saturate the color by 10%, you get **48.7193, 49.2377, 89.3751**, and if you desaturate by 10%, it is **68.8721, 71.8425, 92.6761**.

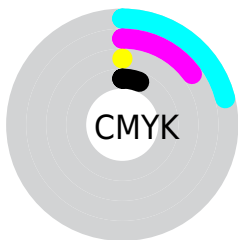
Distribution



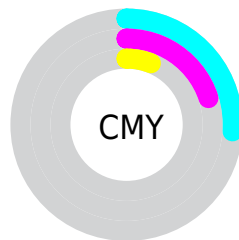
- Red (74%)
- Green (80%)
- Blue (94%)



- Red (74%)
- Yellow (78%)
- Blue (94%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (26%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0704, 59.8220, 90.9242 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 58.0704, 59.8220, 90.9242 by changing the saturation by 10% instead.

■ 58.0704, 59.8220,
90.9242

■ 58.0704, 59.8220,
90.9242

407.3978,
423.9414, 551.6802

■ 42.1087, 43.2752,
68.1694

■ 101.1477,
104.5714, 150.5682

■ 29.3779, 30.1011,
49.5680

128.9941,
133.5428, 188.2945

■ 19.5126, 19.9153,
34.7015

161.5328,
167.4245, 231.8483

■ 12.1475, 12.3335,
23.1513

199.1291,
206.6009, 281.6483

■ 6.9171, 6.9712,
14.4989

242.1484,
251.4564, 338.1129

■ 3.4562, 3.4441,
8.3258

290.9561,

■ 1.3993, 1.3678,

302.3753, 401.6608

4.2134

345.9174,
359.7422, 472.7103

■ 0.2558, 0.1928,
1.7431

■ 0.0000, 0.0000,
0.3900

■ 58.0704, 59.8220,
90.9242

■ 58.0704, 59.8220,
90.9242

■ 48.7193, 49.2377,
89.3751

■ 68.8721, 71.8425,
92.6761

■ 40.7496, 40.0270,
88.0173

■ 81.1783, 85.3442,
94.6336

■ 34.0947, 32.1332,
86.8444

■ 92.7284, 99.0713,
96.6744

■ 28.6798, 25.4926,
85.8480

■ 24.4224, 20.0359,
85.0191

■ 21.2289, 15.6859,
84.3478

■ 18.9896, 12.3547,
83.8229

■ 17.6703, 10.1752,
83.4717

Harmonies

Analogous

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



53.9402, 59.8220, 89.2407



58.0704, 59.8220, 90.9242



62.0639, 59.8220, 85.0582

Triad

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



58.0704, 59.8220, 90.9242



63.4456, 59.8220, 51.7082



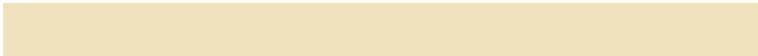
49.6379, 59.8220, 56.9944

Complementary

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



58.0704, 59.8220, 90.9242



72.3174, 76.5922, 59.1179

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.



51.9536, 59.8220, 48.5960



58.0704, 59.8220, 90.9242



59.8813, 59.8220, 45.8169

Square

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



58.0704, 59.8220, 90.9242



65.2663, 59.8220, 61.7514



55.6646, 59.8220, 44.7526



49.2066, 59.8220, 68.6420

Rectangle

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



58.0704, 59.8220, 90.9242



64.0634, 59.8220, 78.0370



55.6646, 59.8220, 44.7526



50.2161, 59.8220, 53.7415

Sweetspot

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



58.0723, 59.8244, 90.9256



86.2042, 90.3344, 107.5006



65.8134, 78.6065, 83.3332



18.2534, 19.1182, 22.9781



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.



58.0723, 59.8244, 90.9256



62.3386, 63.8084, 103.6384



57.7599, 54.9743, 90.0058



15.2504, 15.9350, 19.9936



9.7679, 5.7601, 45.7249



0.8928, 0.6396, 3.8306

Inverse Universe

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



64.9138, 59.2338, 64.5146



71.4034, 63.2219, 68.6008



72.6437, 82.6452, 60.2690



15.9511, 15.8301, 17.2987



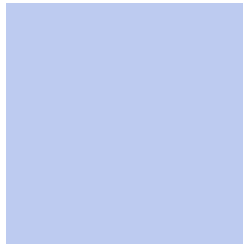
20.2560, 10.3748, 3.9988



1.7256, 0.8793, 0.5459

Previews

White Background



This preview shows how the XYZ color 58.0704, 59.8220, 90.9242 looks on a white background.

Color Contrast Check

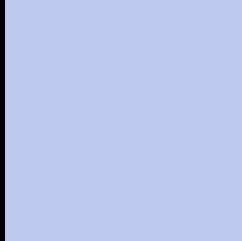
Large Text (above 18pt) WCAG AA × Fail

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 58.0704, 59.8220, 90.9242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

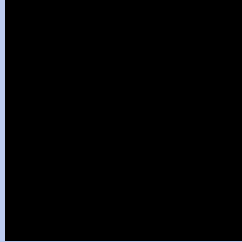
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0704, 59.8220, 90.9242

Background



This preview shows how black text looks on a background with the XYZ color 58.0704, 59.8220, 90.9242.

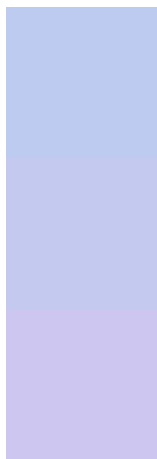


This preview shows how white text looks on a background with the XYZ color 58.0704, 59.8220,

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

58.0704, 59.8220, 90.9242

Protanopia

59.2316, 59.7410, 90.0707

Deuteranopia

60.9731, 59.5764, 91.5049



Tritanopia

55.5058, 59.8556, 77.7351

Trichromacy



Original Color

58.0704, 59.8220, 90.9242

Protanomaly

58.6928, 59.8105, 90.1125

Deuteranomaly

60.0846, 59.8015, 91.5951

Tritanomaly

56.4677, 59.8846, 82.7115

Monochromacy



Original Color

58.0704, 59.8220, 90.9242

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0393, 59.6755, 73.4780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0704, 59.8220, 90.9242 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(189, 203, 240)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 240)  
}
```

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(189, 203, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 240) }
```

Border

The CSS property to change the border of an element to XYZ 58.0704, 59.8220, 90.9242 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(189, 203, 240) }
```


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

```
.border{ border-color:rgb(189, 203, 240) }
```

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

Here you see how a box with a 4 pixel rgb(189, 203, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 240);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0704, 59.8220, 90.9242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 240) }
```

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

```
.background{ background-color: rgb(189,  
203, 240) }
```

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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