

Converting Colors

XYZ(58.8730, 60.2982, 91.9497)

Have a look what the booklet for
XYZ(58.8730, 60.2982, 91.9497)
contains.

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Color

**XYZ(58.7190, 60.1391,
91.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCBF1
RGB	191, 203, 241
RGB Percent	75%, 80%, 95%
CMY	0.2510, 0.2039, 0.0549
CMYK	0.21, 0.16, 0.00, 0.05
HSL	226°, 64%, 85%
HSV	226°, 21%, 95%
XYZ	58.7190, 60.1391, 91.7323
YIQ	203.7440, -19.3500, 9.2740

Conversions

Conversions Part 2

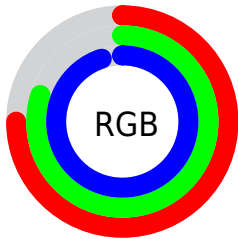
Format	Color
R _Y B	191, 201, 241
Decimal	12569585
CIE Lab	81.91, 3.80, -20.08
CIE LCh	82, 20.434, 280.722
Yxy	60.1391, 0.2788, 0.2856
Android (android.graphics.Color)	4290759665 (0xFFBFCBF1)
YUV	203.7440, 18.3672, -11.1765
Hunter-Lab	77.5494, -0.5545, -15.8489

Details

The XYZ color **58.7190, 60.1391, 91.7323** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.6996, 78.5012, 60.5597**, and the grayscale version is **57.1310, 60.1062, 65.4557**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.8209, 30.3160, 50.1788** is the 20% darker color. If you saturate the color by 10%, you get **49.0771, 49.1238, 90.1153**, and if you desaturate by 10%, it is **69.8728, 72.6954, 93.5690**.

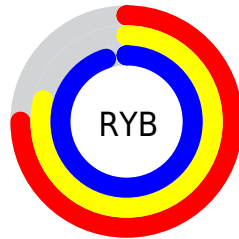
Distribution



Red (75%)

Green (80%)

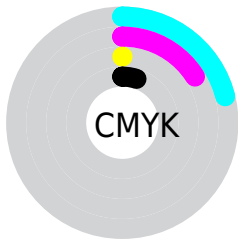
Blue (95%)



Red (75%)

Yellow (79%)

Blue (95%)

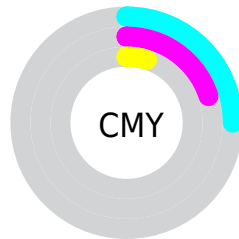


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7190, 60.1391, 91.7323 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 58.7190, 60.1391, 91.7323 by changing the saturation by 10% instead.

■ 58.7190, 60.1391,
91.7323

■ 58.7190, 60.1391,
91.7323

409.7706,
425.1103, 554.3648

■ 42.6325, 43.5308,
68.8365

■ 102.0861,
105.0314, 151.6988

■ 29.7901, 30.3018,
50.1076

130.0974,
134.0842, 189.6066

■ 19.8266, 20.0678,
35.1272

162.8143,
168.0539, 233.3554

■ 12.3766, 12.4443,
23.4765

200.6022,
207.3250, 283.3639

■ 7.0747, 7.0470,
14.7372

243.8264,
252.2817, 340.0505

■ 3.5556, 3.4915,
8.4906

292.8523,

■ 1.4539, 1.3934,

303.3086, 403.8339

4.3182

348.0452,
360.7900, 475.1325

■ 0.2942, 0.2119,
1.8015

■ 0.0000, 0.0000,
0.4289

■ 58.7190, 60.1391,
91.7323

■ 58.7190, 60.1391,
91.7323

■ 49.0771, 49.1238,
90.1153

■ 69.8728, 72.6954,
93.5690

■ 40.8752, 39.5815,
88.7057

■ 82.5952, 86.8423,
95.6291

■ 34.0434, 31.4501,
87.4963

■ 92.8774, 99.1310,
97.4591

■ 28.5040, 24.6597,
86.4776

■ 24.1708, 19.1343,
85.6395

■ 20.9466, 14.7897,
84.9708

■ 18.7173, 11.5297,
84.4591

■ 17.3828, 9.3619,
84.1109

Harmonies

Analogous

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



54.4629, 60.1391, 90.5876



58.7190, 60.1391, 91.7323



62.7497, 60.1391, 85.2056

Triad

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



58.7190, 60.1391, 91.7323



63.6864, 60.1391, 51.1617



49.6762, 60.1391, 57.9406

Complementary

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



58.7190, 60.1391, 91.7323



73.6996, 78.5012, 60.5597

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.



51.9133, 60.1391, 49.0632



58.7190, 60.1391, 91.7323



59.9455, 60.1391, 45.5036

Square

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



58.7190, 60.1391, 91.7323



65.7121, 60.1391, 61.1564



55.6296, 60.1391, 44.7871



49.3848, 60.1391, 70.0053

Rectangle

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



58.7190, 60.1391, 91.7323



64.7124, 60.1391, 77.8115



55.6296, 60.1391, 44.7871



50.2201, 60.1391, 54.5277

Sweetspot

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



58.7209, 60.1415, 91.7337



86.0456, 90.0172, 107.4477



67.0156, 79.6174, 85.6001



18.2161, 19.0434, 22.9656



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.



58.7209, 60.1415, 91.7337



61.8033, 62.7378, 103.4600



59.2744, 56.3809, 90.9786



15.2053, 15.8447, 19.9785



9.5132, 5.2506, 45.6399



0.8662, 0.5864, 3.8217

Inverse Universe

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



65.6875, 60.2758, 64.6748



71.1332, 63.1139, 67.1780



73.0143, 83.2492, 61.5123



15.9283, 15.8210, 17.1788



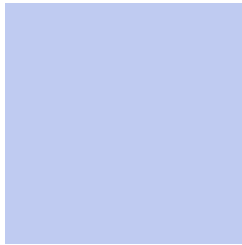
20.1274, 10.3234, 3.3216



1.7122, 0.8739, 0.4752

Previews

White Background



This preview shows how the XYZ color 58.7190, 60.1391, 91.7323 looks on a white background.

Color Contrast Check

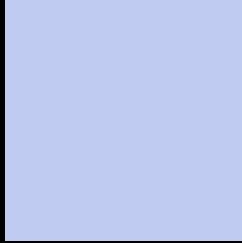
Large Text (above 18pt) WCAG AA × Fail

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 58.7190, 60.1391, 91.7323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

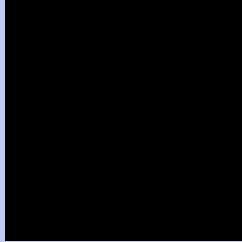
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7190, 60.1391, 91.7323

Background



This preview shows how black text looks on a background with the XYZ color 58.7190, 60.1391, 91.7323.



This preview shows how white text looks on a background with the XYZ color 58.7190, 60.1391,

91.7323.

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

58.7190, 60.1391, 91.7323

Protanopia

59.6137, 60.2681, 90.9290

Deuteranopia

61.3523, 60.0950, 92.3703



Tritanopia

56.1296, 60.1617, 78.4661

Trichromacy



Original Color

58.7190, 60.1391, 91.7323

Protanomaly

59.0968, 60.0017, 90.9048

Deuteranomaly

60.2345, 59.8615, 92.3841

Tritanomaly

57.1005, 60.1946, 83.4721

Monochromacy



Original Color

58.7190, 60.1391, 91.7323

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6704, 60.3376, 74.2524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7190, 60.1391, 91.7323 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, 203, 241)` looks like.

```
.text, #text, p{  
    color:rgb(191, 203, 241)  
}
```

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, 203, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 203, 241) }
```

Border

The CSS property to change the border of an element to XYZ 58.7190, 60.1391, 91.7323 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, 203, 241) }
```


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

```
.border{ border-color:rgb(191, 203, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 203, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 203, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 203, 241); box-shadow:4px 4px 4px 4px rgb(191, 203, 241) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7190, 60.1391, 91.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 203, 241) }
```

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

```
.background{ background-color: rgb(191,  
203, 241) }
```

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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