

Converting Colors

XYZ(59.0365, 62.2825, 92.1304)

Have a look what the booklet for
XYZ(59.0365, 62.2825, 92.1304)
contains.

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Color

**XYZ(59.1712, 62.5166,
92.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD1F1
RGB	187, 209, 241
RGB Percent	73%, 82%, 95%
CMY	0.2667, 0.1804, 0.0549
CMYK	0.22, 0.13, 0.00, 0.05
HSL	216°, 66%, 84%
HSV	216°, 22%, 95%
XYZ	59.1712, 62.5166, 92.1673
YIQ	206.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

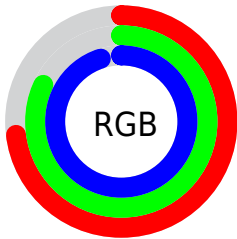
Format	Color
R _Y B	187, 203, 241
Decimal	12308977
CIE Lab	83.19, -0.60, -18.18
CIE LCh	83, 18.189, 268.116
Yxy	62.5166, 0.2767, 0.2923
Android (android.graphics.Color)	4290499057 (0xFFBBD1F1)
YUV	206.0700, 17.2205, -16.7244
Hunter-Lab	79.0674, -4.7851, -13.7659

Details

The XYZ color **59.1712, 62.5166, 92.1673** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.5775, 72.9520, 57.3767**, and the grayscale version is **58.6166, 61.6692, 67.1577**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **30.1512, 31.9320, 50.4733** is the 20% darker color. If you saturate the color by 10%, you get **50.4150, 53.0337, 90.7994**, and if you desaturate by 10%, it is **69.2348, 73.1428, 93.6890**.

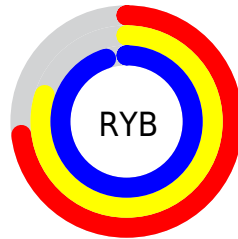
Distribution



Red (73%)

Green (82%)

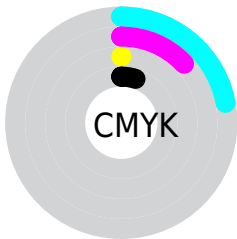
Blue (95%)



Red (73%)

Yellow (80%)

Blue (95%)

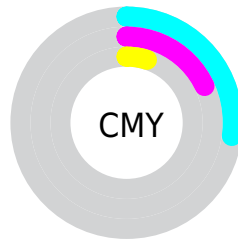


Cyan (22%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1712, 62.5166, 92.1673 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 59.1712, 62.5166, 92.1673 by changing the saturation by 10% instead.

■ 59.1712, 62.5166,
92.1673

■ 59.1712, 62.5166,
92.1673

411.4199,
433.8130, 555.8070

■ 42.9979, 45.4503,
69.1958

■ 102.7396,
108.4718, 152.3070

■ 30.0779, 31.8122,
50.3984

130.8655,
138.1295, 190.3122

■ 20.0461, 21.2181,
35.3567

163.7061,
172.7530, 234.1657

■ 12.5370, 13.2835,
23.6520

201.6270,
212.7269, 284.2861

■ 7.1853, 7.6241,
14.8659

244.9935,
258.4354, 341.0919

■ 3.6256, 3.8554,
8.5797

294.1709,

■ 1.4926, 1.5930,

310.2630, 405.0016

4.3750

349.5246,
368.5941, 476.4338

■ 0.3208, 0.3529,
1.8333

■ 0.0000, 0.0000,
0.4498

■ 59.1712, 62.5166,
92.1673

■ 59.1712, 62.5166,
92.1673

■ 50.4150, 53.0337,
90.7994

■ 69.2348, 73.1428,
93.6890

■ 42.9027, 44.6446,
89.5761

■ 80.6537, 84.9441,
95.3650

■ 36.5743, 37.3071,
88.4934

■ 91.8795, 97.1352,
97.1265

■ 31.3617, 30.9730,
87.5455

■ 92.8774, 99.1309,
97.4591

■ 27.1895, 25.5894,
86.7263

■ 23.9715, 21.0972,
86.0288

■ 21.6054, 17.4282,
85.4453

■ 20.2633, 15.1228,
85.0711

Harmonies

Analogous

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



55.5037, 62.5166, 88.2284



59.1712, 62.5166, 92.1673



63.0663, 62.5166, 89.0798

Triad

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



59.1712, 62.5166, 92.1673



66.3632, 62.5166, 58.3388



53.2103, 62.5166, 57.2301

Complementary

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



59.1712, 62.5166, 92.1673



70.5775, 72.9520, 57.3767

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.



55.9173, 62.5166, 50.6542



59.1712, 62.5166, 92.1673



63.5166, 62.5166, 51.2427

Square

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



59.1712, 62.5166, 92.1673



67.3268, 62.5166, 68.7864



59.6698, 62.5166, 48.5878



52.1581, 62.5166, 67.3585

Rectangle

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



59.1712, 62.5166, 92.1673



65.2471, 62.5166, 83.6245



59.6698, 62.5166, 48.5878



53.9509, 62.5166, 54.5747

Sweetspot

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



59.1731, 62.5191, 92.1687



85.5032, 90.2065, 107.5128



64.6706, 78.5648, 78.4306



18.1329, 19.1339, 22.9875



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.



59.1731, 62.5191, 92.1687



62.4340, 65.8736, 104.0320



55.2609, 53.0345, 90.5442



15.4261, 16.2863, 20.0521



11.1128, 8.4499, 46.1732



1.0198, 0.8937, 3.8730

Inverse Universe

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



65.5562, 58.8466, 68.2277



70.9940, 61.3064, 71.8456



75.1844, 84.4181, 59.3471



16.0398, 15.8656, 17.7656



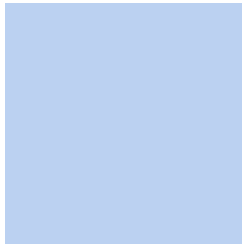
20.9349, 10.6464, 7.5735



1.7897, 0.9049, 0.8835

Previews

White Background



This preview shows how the XYZ color 59.1712, 62.5166, 92.1673 looks on a white background.

Color Contrast Check

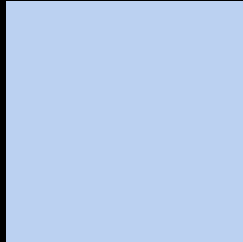
Large Text (above 18pt) WCAG AA × Fail

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 59.1712, 62.5166, 92.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

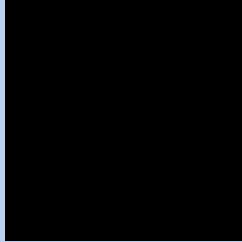
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1712, 62.5166, 92.1673

Background



This preview shows how black text looks on a background with the XYZ color 59.1712, 62.5166, 92.1673.



This preview shows how white text looks on a background with the XYZ color 59.1712, 62.5166,

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

59.1712, 62.5166, 92.1673

Protanopia

61.4987, 62.3121, 90.4475

Deuteranopia

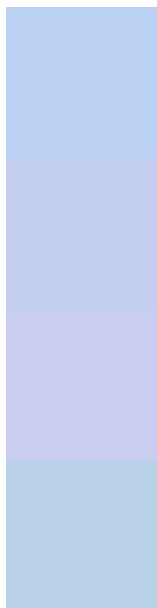
63.7259, 62.3535, 92.6811



Tritanopia

57.0650, 62.3803, 82.4317

Trichromacy



Original Color

59.1712, 62.5166, 92.1673

Protanomaly

60.5644, 62.1696, 91.2459

Deuteranomaly

62.2155, 62.6300, 92.8141

Tritanomaly

57.7622, 62.2907, 86.0697

Monochromacy



Original Color

59.1712, 62.5166, 92.1673

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6522, 61.8822, 75.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1712, 62.5166, 92.1673 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(187, 209, 241)` looks like.

```
.text, #text, p{  
    color:rgb(187, 209, 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(187, 209, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 209, 241) }
```

Border

The CSS property to change the border of an element to XYZ 59.1712, 62.5166, 92.1673 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(187, 209, 241) }
```


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

```
.border{ border-color:rgb(187, 209, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 209, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 209, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 209, 241);  
box-shadow:4px 4px 4px 4px rgb(187, 209,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1712, 62.5166, 92.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 209, 241) }
```

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

```
.background{ background-color: rgb(187,  
209, 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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