Converting Colors

XYZ(59.1902, 60.2948, 103.1261)

Have a look what the booklet for XYZ(59.1902, 60.2948, 103.1261) contains.

Color

XYZ(59.1731, 60.1222, 103.0937)

Conversions

Conversions Part 1

Format	Color
Hex	B8CBFF
RGB	184, 203, 255
RGB Percent	72%, 80%, 100%
CMY	0.2784, 0.2039, 0.0000
CMYK	0.28, 0.20, 0.00, 0.00
HSL	224°, 100%, 86%
HSV	224°, 28%, 100%
XYZ	59.1731, 60.1222, 103.0937
YIQ	203.2470, -28.0160, 12.1440

Conversions

Conversions Part 2

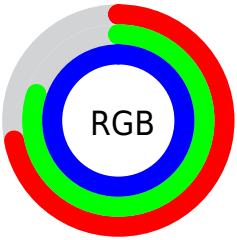
Format	Color
RYB	184, 199, 255
Decimal	12110847
CIELab	81.90, 4.94, -27.59
CIELCh	82, 28.028, 280.143
Yxy	60.1222, 0.2661, 0.2703
Android (android.graphics.Color)	4290300927 (0xFFB8CBFF)
YUV	203.2470, 25.5142, -16.8796
Hunter-Lab	77.5385, 0.5289, -24.5539

Details

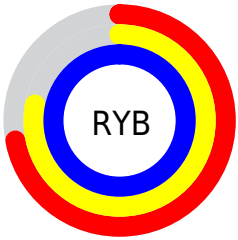
The XYZ color 59.1731, 60.1222, 103.0937 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 79.8874, 84.7114, 57.4897, and the grayscale version is 56.7787, 59.7356, 65.0521.

A 20% lighter version of the original color is 90.0856, 97.4408, 108.6677, and 29.9937, 30.2392, 57.6820 is the 20% darker color. If you saturate the color by 10%, you get 49.4586, 48.9579, 101.4508, and if you desaturate by 10%, it is 70.5234, 72.9213, 104.9660.

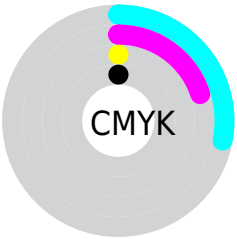
Distribution



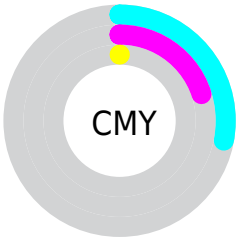
- Red (72%)
- Green (80%)
- Blue (100%)



- Red (72%)
- Yellow (78%)
- Blue (100%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1731, 60.1222, 103.0937 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 59.1731, 60.1222, 103.0937 by changing the saturation by 10% instead.

59.1731, 60.1222, 103.0937

59.1731, 60.1222, 103.0937

411.4268, 425.0481, 591.3977

42.9994, 43.5171, 78.2555

102.7424, 105.0069, 167.4910

30.0792, 30.2911, 57.7662

130.8687, 134.0554, 207.8872

20.0470, 20.0596, 41.2072

163.7099, 168.0204, 254.3064

12.5377, 12.4384, 28.1601

201.6313, 207.2864, 307.1673

7.1858, 7.0430, 18.2063

244.9984, 252.2378, 366.8883

3.6259, 3.4890, 10.9272

294.1764,

1.4928, 1.3920,

303.2589, 433.8880

349.5308, 360.7342, 508.5849

5.9044

0.3209, 0.2108, 2.7192

0.0000, 0.0000, 0.9531

59.1731, 60.1222, 103.0937

59.1731, 60.1222, 103.0937

49.4586, 48.9579, 101.4508

70.5234, 72.9213, 104.9660

41.2966, 39.3532, 100.0271

83.5768, 87.4122, 107.0750

34.6043, 31.2375, 98.8133

95.0500, 100.0000, 108.9000

29.2886, 24.5312, 97.7991

25.2449, 19.1467, 96.9729

22.3521, 14.9851, 96.3221

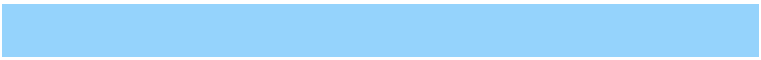
20.4541, 11.9259, 95.8316

20.1320, 11.3839, 95.7440

Harmonies

Analogous

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



53.3635, 60.1222, 101.1714

59.1731, 60.1222, 103.0937

64.8037, 60.1222, 93.6875

Triad

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

59.1731, 60.1222, 103.0937

66.2975, 60.1222, 46.6103

47.0904, 60.1222, 54.9998

Complementary

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

59.1731, 60.1222, 103.0937

79.8874, 84.7114, 57.4897

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.

50.1136, 60.1222, 43.5660

59.1731, 60.1222, 103.0937

61.0997, 60.1222, 39.3335

Square

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

59.1731, 60.1222, 103.0937

69.1010, 60.1222, 59.8864

55.1625, 60.1222, 38.3247

46.6532, 60.1222, 71.3752

Rectangle

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

59.1731, 60.1222, 103.0937

67.5988, 60.1222, 83.0751

55.1625, 60.1222, 38.3247

47.8275, 60.1222, 50.5343

Sweetspot

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

59.1748, 60.1245, 103.0941

83.3567, 87.1694, 107.0398

70.5067, 87.7022, 91.7218

17.3984, 18.1684, 22.8398

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.

59.1748, 60.1245, 103.0941

53.9640, 54.1652, 102.2185

58.8469, 53.6974, 101.8708

17.3984, 18.1684, 22.8398

10.6234, 6.1563, 50.0630

1.1197, 0.7701, 4.9029

Inverse Universe

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

69.1612, 59.8544, 64.4102

65.4417, 54.1960, 57.6809

80.2175, 93.4392, 59.1569

18.2090, 18.0669, 19.7177

22.1504, 11.3494, 4.1764

2.1998, 1.1223, 0.6335

Previews

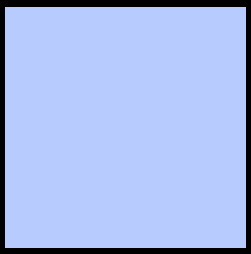
White Background

This preview shows how the XYZ color 59.1731, 60.1222, 103.0937 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



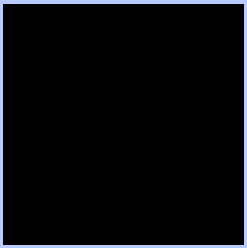
This preview shows how the XYZ color 59.1731, 60.1222, 103.0937 looks on a black background.

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 59.1731, 60.1222, 103.0937 Background



This preview shows how black text looks on a background with the XYZ color 59.1731, 60.1222, 103.0937.

This preview shows how white text looks on a background with the XYZ color 59.1731, 60.1222,

103.0937.

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
59.1731, 60.1222, 103.0937

Protanopia
60.2619, 60.0054, 102.1720

Deuteranopia
61.2384, 59.8026, 102.9232

Tritanopia
54.5066, 60.0130, 79.9450

Trichromacy

Original Color
59.1731, 60.1222, 103.0937

Protanomaly
59.7490, 60.0882, 102.2150

Deuteranomaly
60.4425, 59.7350, 102.9521

Tritanomaly
56.0340, 59.9020, 87.9658

Monochromacy

Original Color
59.1731, 60.1222, 103.0937

Achromatopsia
56.7640, 59.7202, 65.0353

Achromatomaly
57.3057, 59.7216, 77.6143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1731, 60.1222, 103.0937 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(184, 203, 255) looks like.

```
.text, #text, p{
    color:rgb(184, 203, 255)
}
```

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(184, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.1731, 60.1222, 103.0937 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(184, 203, 255) }
```

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

```
.border{ border-color:rgb(184, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(184, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 203, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 203, 255); box-shadow:4px 4px 4px 4px rgb(184, 203, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1731, 60.1222, 103.0937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(184, 203, 255) }
```

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

```
.background{ background-color:rgb(184,
203, 255) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor