

Converting Colors

XYZ(57.7045, 59.4665,
103.0446)

Have a look what the booklet for
XYZ(57.7045, 59.4665, 103.0446)
contains.

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Color

**XYZ(57.5374, 59.2790,
103.0172)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CBFF
RGB	177, 203, 255
RGB Percent	69%, 80%, 100%
CMY	0.3059, 0.2039, 0.0000
CMYK	0.31, 0.20, 0.00, 0.00
HSL	220°, 100%, 85%
HSV	220°, 31%, 100%
XYZ	57.5374, 59.2790, 103.0172
YIQ	201.1540, -32.1880, 10.6600

Conversions

Conversions Part 2

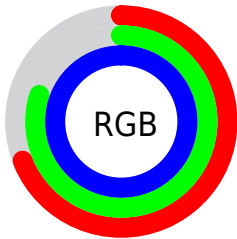
Format	Color
R _Y B	177, 197, 255
Decimal	11652095
CIE Lab	81.44, 2.95, -28.33
CIE LCh	81, 28.487, 275.939
Yxy	59.2790, 0.2617, 0.2697
Android (android.graphics.Color)	4289842175 (0xFFB1CBFF)
YUV	201.1540, 26.5461, -21.1831
Hunter-Lab	76.9929, -1.3430, -25.4356

Details

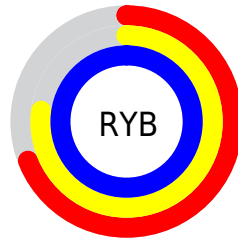
The XYZ color **57.5374, 59.2790, 103.0172** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.1953, 80.4728, 53.0610**, and the grayscale version is **55.4692, 58.3579, 63.5517**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **28.9665, 29.7097, 57.6339** is the 20% darker color. If you saturate the color by 10%, you get **48.4660, 48.9673, 101.5049**, and if you desaturate by 10%, it is **68.1377, 71.0351, 104.7276**.

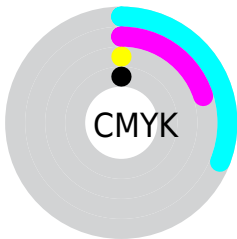
Distribution



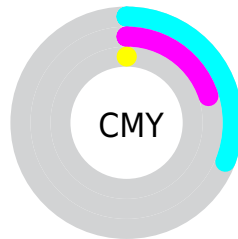
- Red (69%)
- Green (80%)
- Blue (100%)



- Red (69%)
- Yellow (77%)
- Blue (100%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5374, 59.2790, 103.0172 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 57.5374, 59.2790, 103.0172 by changing the saturation by 10% instead.

■ 57.5374, 59.2790,
103.0172

■ 57.5374, 59.2790,
103.0172

405.4417,
421.9351, 591.1525

■ 41.6787, 42.8378,
78.1918

■ 100.3757,
103.7831, 167.3853

■ 29.0398, 29.7578,
57.7142

128.0861,
132.6146, 207.7651

■ 19.2553, 19.6549,
41.1657

160.4776,
166.3452, 254.1668

■ 11.9600, 12.1444,
28.1279

197.9158,
205.3590, 307.0089

■ 6.7885, 6.8421,
18.1822

240.7660,
250.0405, 366.7100

■ 3.3753, 3.3635,
10.9101

289.3934,

■ 1.3552, 1.3243,

300.7740, 433.6886

5.8930

344.1635,
357.9441, 508.3632

■ 0.2240, 0.1599,
2.7124

■ 0.0000, 0.0000,
0.9497

■ 57.5374, 59.2790,
103.0172

■ 57.5374, 59.2790,
103.0172

■ 48.4660, 48.9673,
101.5049

■ 68.1377, 71.0351,
104.7276

■ 40.8436, 40.0337,
100.1823

■ 80.3310, 84.2846,
106.6424

■ 34.5905, 32.4164,
99.0416

■ 94.1841, 99.0824,
108.7685

■ 29.6167, 26.0456,
98.0741

■ 95.0500, 100.0000,
108.9000

■ 25.8202, 20.8440,
97.2702

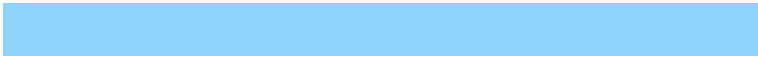
■ 23.0811, 16.7230,
96.6191

■ 21.2989, 13.7178,
96.1330

Harmonies

Analogous

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



51.7970, 59.2790, 99.4049



57.5374, 59.2790, 103.0172



63.3427, 59.2790, 94.9430

Triad

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



57.5374, 59.2790, 103.0172



66.1436, 59.2790, 47.1291



46.5100, 59.2790, 52.0629

Complementary

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



57.5374, 59.2790, 103.0172



77.1953, 80.4728, 53.0610

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.



49.8788, 59.2790, 41.4449



57.5374, 59.2790, 103.0172



61.1473, 59.2790, 38.9676

Square

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



57.5374, 59.2790, 103.0172



68.5318, 59.2790, 61.2070



55.1651, 59.2790, 37.0868



45.6924, 59.2790, 68.0017

Rectangle

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



57.5374, 59.2790, 103.0172



66.3837, 59.2790, 84.7346



55.1651, 59.2790, 37.0868



47.3693, 59.2790, 47.8474

Sweetspot

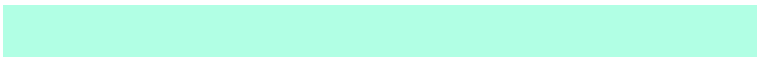
The Sweet Spot groups the original color and five complimentary colors.



57.5391, 59.2812, 103.0175



82.4169, 86.5281, 106.9655



67.8544, 86.4524, 86.2922



17.2309, 18.0800, 22.8316



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.



57.5391, 59.2812, 103.0175



51.5495, 52.5048, 102.0252



54.6855, 49.4465, 101.2696



17.4977, 18.3670, 22.8729



11.2511, 7.4117, 50.2722



1.1911, 0.9129, 4.9267

Inverse Universe

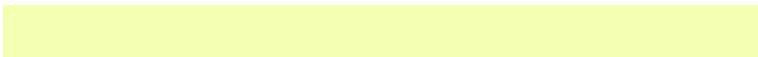
The Inverse Universe completely reimagines the original color for something new.



67.7428, 57.0176, 63.9374



63.4495, 50.4379, 56.3197



80.7621, 93.8027, 55.4459



18.2591, 18.0870, 19.9816



22.4672, 11.4762, 5.8448



2.2358, 1.1367, 0.8233

Previews

White Background



This preview shows how the XYZ color 57.5374, 59.2790, 103.0172 looks on a white background.

Color Contrast Check

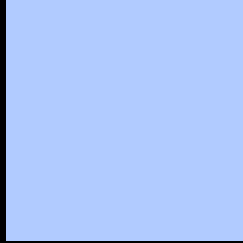
Large Text (above 18pt) WCAG AA × Fail

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 57.5374, 59.2790, 103.0172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

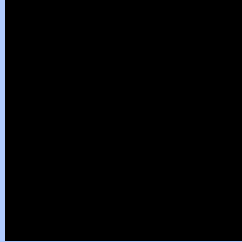
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

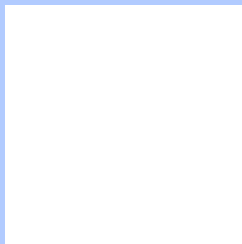
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5374, 59.2790, 103.0172

Background



This preview shows how black text looks on a background with the XYZ color 57.5374, 59.2790, 103.0172.



This preview shows how white text looks on a background with the XYZ color 57.5374, 59.2790,

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

57.5374, 59.2790, 103.0172

Protanopia

59.3702, 59.2192, 101.2298

Deuteranopia

60.4922, 59.0775, 102.8226



Tritanopia

52.7240, 59.0940, 79.8616

Trichromacy



Original Color

57.5374, 59.2790, 103.0172

Protanomaly

58.7836, 59.2433, 102.1028

Deuteranomaly

59.4433, 59.2199, 102.9053

Tritanomaly

54.4452, 59.0830, 87.8915

Monochromacy



Original Color

57.5374, 59.2790, 103.0172

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9099, 58.6680, 76.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5374, 59.2790, 103.0172 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(177, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5374, 59.2790, 103.0172 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(177, 203, 255) }
```


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

```
.border{ border-color:rgb(177, 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(177, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5374, 59.2790, 103.0172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 203, 255) }
```

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

```
.background{ background-color: rgb(177,  
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](#).

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