

# Converting Colors

XYZ(59.3882, 57.1607,  
102.5108)

Have a look what the booklet for  
XYZ(59.3882, 57.1607, 102.5108)  
contains.

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# **Color**

**XYZ(59.3341, 57.1410,  
102.5098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1C2FF
RGB	193, 194, 255
RGB Percent	76%, 76%, 100%
CMY	0.2431, 0.2392, 0.0000
CMYK	0.24, 0.24, 0.00, 0.00
HSL	239°, 100%, 88%
HSV	239°, 24%, 100%
XYZ	59.3341, 57.1410, 102.5098
YIQ	200.6550, -20.1770, 18.7590

# Conversions

## Conversions Part 2

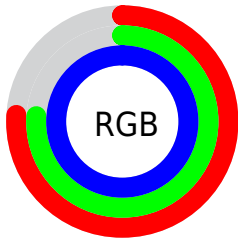
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 194, 255
Decimal	12698367
CIE <sub>Lab</sub>	80.26, 12.42, -30.06
CIE <sub>LCh</sub>	80, 32.519, 292.446
Yxy	57.1410, 0.2710, 0.2609
Android (android.graphics.Color)	4290888447 (0xFFC1C2FF)
YUV	200.6550, 26.7921, -6.7134
Hunter-Lab	75.5917, 7.8244, -27.4890

# Details

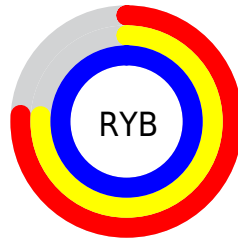
The XYZ color **59.3341, 57.1410, 102.5098** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.3075, 95.9934, 64.4336**, and the grayscale version is **55.1538, 58.0261, 63.1904**.

A 20% lighter version of the original color is **91.6599, 95.9152, 108.2902**, and **30.1992, 28.5302, 57.3413** is the 20% darker color. If you saturate the color by 10%, you get **48.2651, 43.8350, 100.5249**, and if you desaturate by 10%, it is **72.4697, 72.9143, 104.8620**.

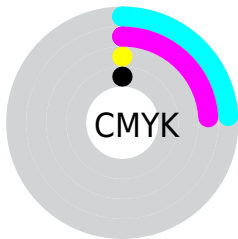
# Distribution



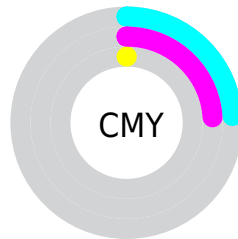
- Red (76%)
- Green (76%)
- Blue (100%)



- Red (76%)
- Yellow (76%)
- Blue (100%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3341, 57.1410, 102.5098 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 59.3341, 57.1410, 102.5098 by changing the saturation by 10% instead.



■ 59.3341, 57.1410,  
102.5098

■ 59.3341, 57.1410,  
102.5098

412.0131,  
413.9774, 589.5250

■ 43.1295, 41.1185,  
77.7697

□ 102.9749,  
100.6709, 166.6838

■ 30.1817, 28.4117,  
57.3695

131.1419,  
128.9470, 206.9549

■ 20.1253, 18.6362,  
40.8906

164.0271,  
162.0765, 253.2399

■ 12.5950, 11.4077,  
27.9146

201.9958,  
200.4437, 305.9576

■ 7.2253, 6.3418,  
18.0228

245.4134,  
244.4330, 365.5264

■ 3.6510, 3.0540,  
10.7967

294.6452,

■ 1.5066, 1.1600,

294.4288, 432.3648

5.8179

350.0567,  
350.8155, 506.8915

■ 0.3303, 0.0287,  
2.6677

■ 0.0000, 0.0000,  
0.9271

■ 59.3341, 57.1410,  
102.5098

■ 59.3341, 57.1410,  
102.5098

■ 48.2651, 43.8350,  
100.5249

■ 72.4697, 72.9143,  
104.8620

■ 39.1530, 32.8653,  
98.8878

■ 87.7644, 91.2638,  
107.5977

■ 31.8853, 24.0992,  
97.5788

95.0500, 100.0000,  
108.9000

■ 26.3364, 17.3877,  
96.5758

■ 22.3647, 12.5637,  
95.8540

■ 19.8064, 9.4336,  
95.3847

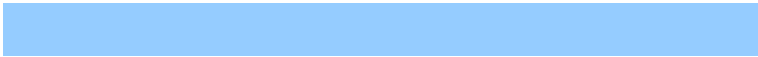
■ 18.4616, 7.7627,  
95.1330

■ 18.0947, 7.3094,  
95.0649

# Harmonies

## Analogous

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



52.6494, 57.1410, 105.9707



59.3341, 57.1410, 102.5098



65.0769, 57.1410, 87.2762

# Triad

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



59.3341, 57.1410, 102.5098



62.4720, 57.1410, 37.4932



42.6096, 57.1410, 57.5320

# Complementary

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



59.3341, 57.1410, 102.5098



86.3075, 95.9934, 64.4336

# 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.



44.8028, 57.1410, 42.4818



59.3341, 57.1410, 102.5098



56.0068, 57.1410, 32.5477

# Square

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



59.3341, 57.1410, 102.5098



66.9891, 57.1410, 49.2712



49.5793, 57.1410, 34.1668



43.3425, 57.1410, 77.2519



# Rectangle

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



59.3341, 57.1410, 102.5098



67.4189, 57.1410, 73.9118



49.5793, 57.1410, 34.1668



43.0224, 57.1410, 51.8256

# Sweetspot

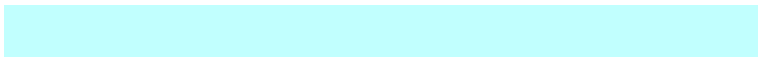
The Sweet Spot groups the original color and five complimentary colors.



59.3358, 57.1432, 102.5102



83.4364, 86.0728, 106.8239



75.6372, 90.0115, 107.1254



17.6555, 18.1792, 22.8283



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.



59.3358, 57.1432, 102.5102



53.8957, 50.6057, 101.5350



67.5423, 61.0442, 102.8306



17.0265, 17.4247, 22.7159



9.4650, 3.8396, 49.6768



0.9295, 0.3897, 4.8395



# Inverse Universe

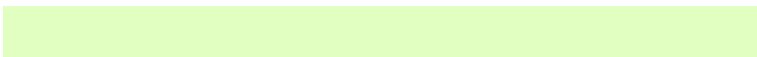
The Inverse Universe completely reimagines the original color for something new.



70.0487, 63.2965, 59.5668



66.2428, 57.7156, 52.0371



76.4482, 91.3835, 64.0634



18.0213, 17.9918, 18.7293



21.5657, 11.1156, 1.0975



2.1038, 1.0839, 0.1279



# Previews

## White Background



This preview shows how the XYZ color 59.3341, 57.1410, 102.5098 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

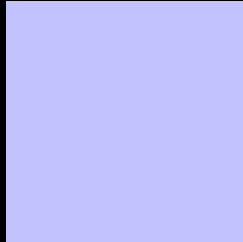
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.3341, 57.1410, 102.5098 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 59.3341, 57.1410, 102.5098

## Background



This preview shows how black text looks on a background with the XYZ color 59.3341, 57.1410, 102.5098.



This preview shows how white text looks on a background with the XYZ color 59.3341, 57.1410,



# 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

59.3341, 57.1410, 102.5098

### Protanopia

57.7834, 57.3429, 102.6305

### Deuteranopia

58.5514, 57.0690, 102.5372



## **Tritanopia**

53.6607, 57.2221, 73.8624

# Trichromacy



## Original Color

59.3341, 57.1410, 102.5098

## Protanomaly

58.2834, 57.2647, 102.5891

## Deuteranomaly

58.8003, 57.1974, 102.5488

## Tritanomaly

55.6042, 56.9765, 83.6682

# Monochromacy



## Original Color

59.3341, 57.1410, 102.5098

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

56.5339, 57.6144, 76.5476

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.3341, 57.1410, 102.5098 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(193, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 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(193, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 59.3341, 57.1410, 102.5098 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(193, 194, 255) }
```



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

```
.border{ border-color:rgb(193, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.3341, 57.1410, 102.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 255) }
```

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

```
.background{ background-color: rgb(193,  
194, 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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