

Converting Colors

XYZ(54.5068, 58.2037,
113.9834)

Have a look what the booklet for
XYZ(54.5068, 58.2037, 113.9834)
contains.

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Color

**XYZ(52.4590, 57.3667,
102.9157)**

Conversions

Conversions Part 1

Format	Color
Hex	96CDFF
RGB	150, 205, 255
RGB Percent	59%, 80%, 100%
CMY	0.4117, 0.1961, 0.0000
CMYK	0.41, 0.20, 0.00, 0.00
HSL	209°, 100%, 79%
HSV	209°, 41%, 100%
XYZ	52.4590, 57.3667, 102.9157
YIQ	194.2550, -48.8300, 3.8900

Conversions

Conversions Part 2

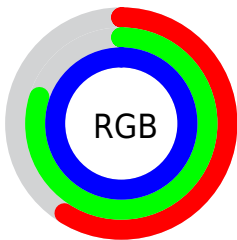
Format	Color
RYB	150, 186, 255
Decimal	9883135
CIELab	80.39, -5.32, -30.10
CIELCh	80, 30.562, 259.983
Yxy	57.3667, 0.2466, 0.2697
Android (android.graphics.Color)	4288073215 (0xFF96CDFF)
YUV	194.2550, 29.9473, -38.8116
Hunter-Lab	75.7408, -8.9152, -27.5440

Details

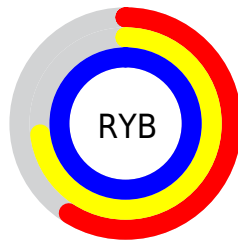
The XYZ color **52.4590, 57.3667, 102.9157** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.3999, 64.7712, 37.8058**, and the grayscale version is **51.2796, 53.9501, 58.7517**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **25.8757, 28.5901, 57.5807** is the 20% darker color. If you saturate the color by 10%, you get **45.4746, 49.6213, 101.7888**, and if you desaturate by 10%, it is **60.6932, 66.0935, 104.1662**.

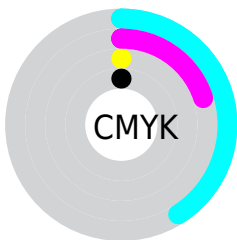
Distribution



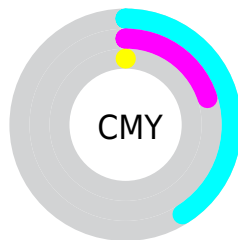
- Red (59%)
- Green (80%)
- Blue (100%)



- Red (59%)
- Yellow (73%)
- Blue (100%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4590, 57.3667, 102.9157 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 52.4590, 57.3667, 102.9157 by changing the saturation by 10% instead.

■ 52.4590, 57.3667,
102.9157

■ 52.4590, 57.3667,
102.9157

386.5010,
414.8220, 590.8271

■ 37.5968, 41.2997,
78.1074

■ 92.9780, 101.0001,
167.2450

■ 25.8457, 28.5534,
57.6452

■ 119.3656,
129.3352, 207.6030

■ 16.8403, 18.7432,
41.1107

150.3257,
162.5286, 253.9814

■ 10.2153, 11.4849,
28.0852

186.2236,
200.9645, 306.7987

■ 5.6053, 6.3940,
18.1503

227.4247,
245.0274, 366.4733

■ 2.6450, 3.0861,
10.8874

274.2944,

■ 0.9689, 1.1768,

295.1017, 433.4239

5.8780

327.1981,
351.5718, 508.0690

■ 0.0000, 0.0427,
2.7034

■ 0.0000, 0.0000,
0.9451

■ 52.4590, 57.3667,
102.9157

■ 52.4590, 57.3667,
102.9157

■ 45.4746, 49.6213,
101.7888

■ 60.6932, 66.0935,
104.1662

■ 39.6628, 42.8063,
100.7797

■ 70.2379, 75.8366,
105.5437

■ 34.9453, 36.8747,
99.8835

■ 81.1556, 86.6366,
107.0529

■ 31.2305, 31.7712,
99.0942

■ 93.5032, 98.5296,
108.6977

■ 28.4095, 27.4311,
98.4051

95.0500, 100.0000,
108.9000

■ 26.5164, 24.1529,
97.8721

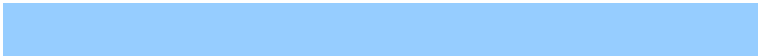
Harmonies

Analogous

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



47.1482, 57.3667, 92.7469



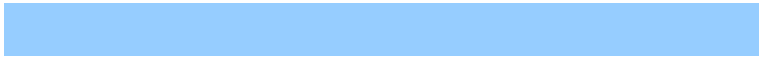
52.4590, 57.3667, 102.9157



58.7418, 57.3667, 100.7692

Triad

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



52.4590, 57.3667, 102.9157



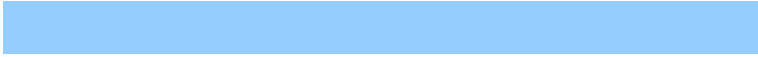
66.6336, 57.3667, 51.4102



45.8192, 57.3667, 42.8205

Complementary

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



52.4590, 57.3667, 102.9157



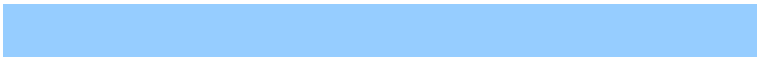
67.3999, 64.7712, 37.8058

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.



50.5157, 57.3667, 35.3509



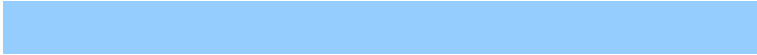
52.4590, 57.3667, 102.9157



62.6344, 57.3667, 39.6128

Square

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



52.4590, 57.3667, 102.9157



67.2540, 57.3667, 68.6505



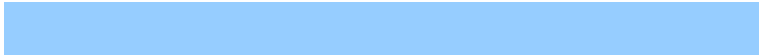
56.6452, 57.3667, 34.3013



43.5134, 57.3667, 56.6581

Rectangle

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



52.4590, 57.3667, 102.9157



62.6285, 57.3667, 92.7639



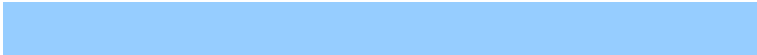
56.6452, 57.3667, 34.3013



47.1531, 57.3667, 39.6031

Sweetspot

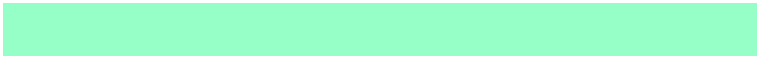
The Sweet Spot groups the original color and five complimentary colors.



52.4607, 57.3688, 102.9161



80.2011, 85.7043, 106.9233



58.6476, 82.1281, 66.7956



16.8472, 18.0317, 22.8425



0.0000, 0.0000, 0.0000



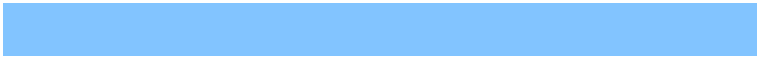
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.4607, 57.3688, 102.9161



46.8913, 51.2252, 102.0238



42.1025, 36.6524, 99.4633



17.7904, 18.9525, 22.9705



14.0061, 12.9217, 51.1905



1.4732, 1.4770, 5.0207

Inverse Universe

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



63.1670, 47.4821, 63.5956



59.1364, 41.2014, 56.7635



81.3990, 92.7694, 42.4722



18.4069, 18.1461, 20.7597



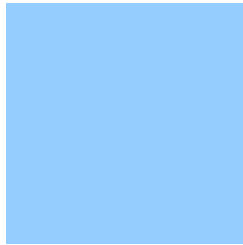
23.8578, 12.0324, 13.1676



2.3782, 1.1937, 1.5730

Previews

White Background



This preview shows how the XYZ color 52.4590, 57.3667, 102.9157 looks on a white background.

Color Contrast Check

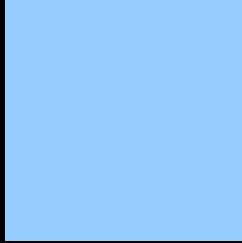
Large Text (above 18pt) WCAG AA × Fail

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 52.4590, 57.3667, 102.9157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

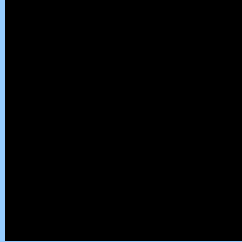
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

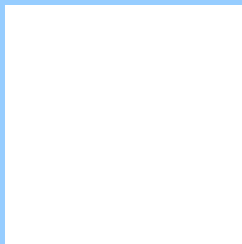
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4590, 57.3667, 102.9157

Background



This preview shows how black text looks on a background with the XYZ color 52.4590, 57.3667, 102.9157.



This preview shows how white text looks on a background with the XYZ color 52.4590, 57.3667,

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

52.4590, 57.3667, 102.9157

Protanopia

57.3148, 57.2112, 97.6446

Deuteranopia

58.0586, 56.8150, 102.5141



Tritanopia

48.0671, 57.3900, 81.2170

Trichromacy



Original Color

52.4590, 57.3667, 102.9157

Protanomaly

55.3004, 57.1578, 99.3847

Deuteranomaly

55.9290, 57.0655, 102.6747

Tritanomaly

49.5190, 57.2459, 88.5604

Monochromacy



Original Color

52.4590, 57.3667, 102.9157

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9489, 54.8110, 72.8600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4590, 57.3667, 102.9157 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(150, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 205, 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(150, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4590, 57.3667, 102.9157 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(150, 205, 255) }
```


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

```
.border{ border-color:rgb(150, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4590, 57.3667, 102.9157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 205, 255) }
```

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

```
.background{ background-color: rgb(150,  
205, 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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