

Converting Colors

XYZ(52.9558, 57.5302,
102.9211)

Have a look what the booklet for
XYZ(52.9558, 57.5302, 102.9211)
contains.

XYZ(53.0182, 57.6549, 102.9419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0182, 57.6549,
102.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	99CDFF
RGB	153, 205, 255
RGB Percent	60%, 80%, 100%
CMY	0.4000, 0.1961, 0.0000
CMYK	0.40, 0.20, 0.00, 0.00
HSL	209°, 100%, 80%
HSV	209°, 40%, 100%
XYZ	53.0182, 57.6549, 102.9419
YIQ	195.1520, -47.0420, 4.5260

Conversions

Conversions Part 2

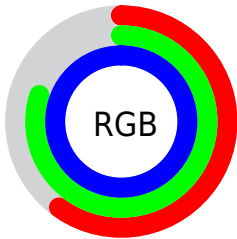
Format	Color
R _Y B	153, 187, 255
Decimal	10079743
CIE Lab	80.55, -4.56, -29.83
CIE LCh	81, 30.181, 261.313
Yxy	57.6549, 0.2482, 0.2699
Android (android.graphics.Color)	4288269823 (0xFF99CDFF)
YUV	195.1520, 29.5051, -36.9673
Hunter-Lab	75.9308, -8.2425, -27.2298

Details

The XYZ color **53.0182, 57.6549, 102.9419** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.3464, 66.2726, 39.3287**, and the grayscale version is **51.8136, 54.5119, 59.3635**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **26.1894, 28.7518, 57.5954** is the 20% darker color. If you saturate the color by 10%, you get **45.8382, 49.6917, 101.7833**, and if you desaturate by 10%, it is **61.4689, 66.6303, 104.2289**.

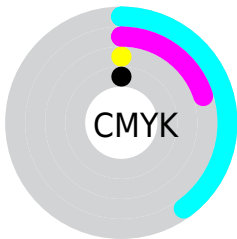
Distribution



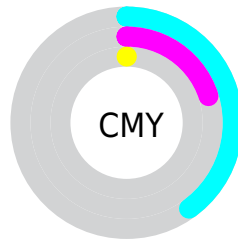
- Red (60%)
- Green (80%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0182, 57.6549, 102.9419 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 53.0182, 57.6549, 102.9419 by changing the saturation by 10% instead.

■ 53.0182, 57.6549,
102.9419

■ 53.0182, 57.6549,
102.9419

388.6147,
415.8988, 590.9111

■ 38.0448, 41.5313,
78.1292

■ 93.7965, 101.4201,
167.2812

■ 26.1949, 28.7344,
57.6630

■ 120.3322,
129.8305, 207.6449

■ 17.1029, 18.8800,
41.1249

151.4527,
163.1053, 254.0293

■ 10.4037, 11.5836,
28.0962

187.5233,
201.6289, 306.8529

■ 5.7317, 6.4608,
18.1586

228.9095,
245.7856, 366.5344

■ 2.7217, 3.1273,
10.8933

275.9765,

■ 1.0084, 1.1985,

295.9599, 433.4922

5.8818

329.0898,
352.5362, 508.1450

■ 0.0000, 0.0605,
2.7057

■ 0.0000, 0.0000,
0.9463

■ 53.0182, 57.6549,
102.9419

■ 53.0182, 57.6549,
102.9419

■ 45.8382, 49.6917,
101.7833

■ 61.4689, 66.6303,
104.2289

■ 39.8521, 42.6892,
100.7471

■ 71.2507, 76.6532,
105.6480

■ 34.9820, 36.5998,
99.8285

■ 82.4263, 87.7650,
107.2038

■ 31.1376, 31.3681,
99.0213

95.0500, 100.0000,
108.9000

■ 28.2117, 26.9297,
98.3188

■ 26.0334, 23.1866,
97.7111

■ 26.0330, 23.1860,
97.7110

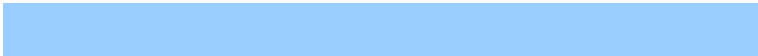
Harmonies

Analogous

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



47.6795, 57.6549, 93.3800



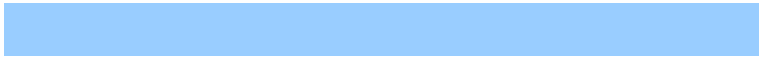
53.0182, 57.6549, 102.9419



59.2480, 57.6549, 100.2626

Triad

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



53.0182, 57.6549, 102.9419



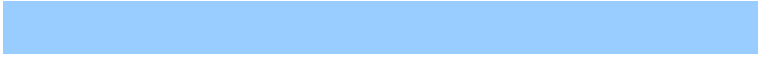
66.6740, 57.6549, 51.1653



46.0095, 57.6549, 43.7605

Complementary

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



53.0182, 57.6549, 102.9419



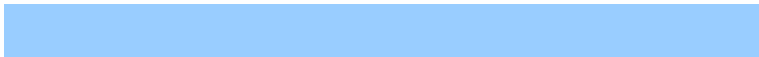
68.3464, 66.2726, 39.3287

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.



50.5789, 57.6549, 36.0364



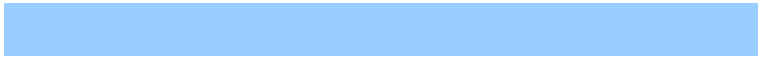
53.0182, 57.6549, 102.9419



62.5947, 57.6549, 39.7171

Square

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



53.0182, 57.6549, 102.9419



67.4504, 57.6549, 68.0760



56.6198, 57.6549, 34.7105



43.8380, 57.6549, 57.7592

Rectangle

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



53.0182, 57.6549, 102.9419



63.0533, 57.6549, 92.0751



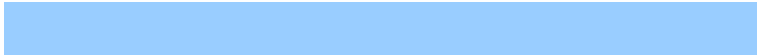
56.6198, 57.6549, 34.7105



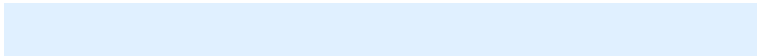
47.2990, 57.6549, 40.4632

Sweetspot

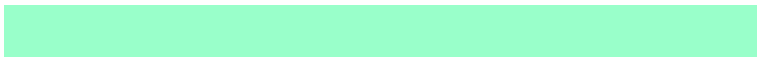
The Sweet Spot groups the original color and five complimentary colors.



53.0199, 57.6570, 102.9422



80.0748, 85.4516, 106.8812



59.5943, 82.5714, 68.8620



16.8175, 17.9722, 22.8326



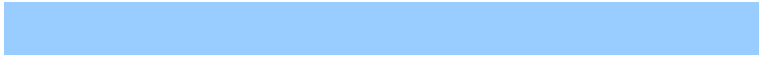
0.0000, 0.0000, 0.0000



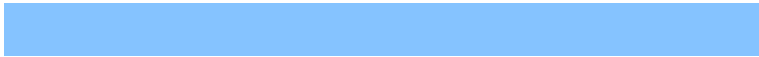
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0199, 57.6570, 102.9422



47.1752, 51.2048, 102.0049



42.8600, 37.3373, 99.5556



17.7687, 18.9089, 22.9632



13.7527, 12.4151, 51.1061



1.4484, 1.4275, 5.0125

Inverse Universe

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



63.6519, 48.4519, 63.7571



59.4233, 41.8659, 56.5795



82.2102, 94.0002, 43.9500



18.3959, 18.1417, 20.7018



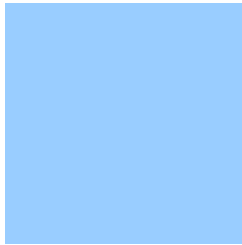
23.7299, 11.9813, 12.4943



2.3657, 1.1887, 1.5072

Previews

White Background



This preview shows how the XYZ color 53.0182, 57.6549, 102.9419 looks on a white background.

Color Contrast Check

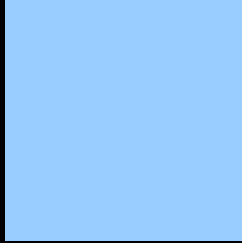
Large Text (above 18pt) WCAG AA × Fail

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 53.0182, 57.6549, 102.9419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

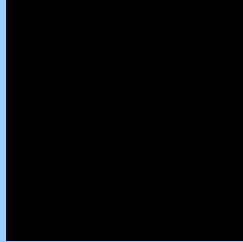
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

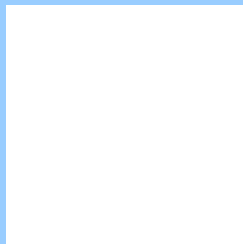
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0182, 57.6549, 102.9419

Background



This preview shows how black text looks on a background with the XYZ color 53.0182, 57.6549, 102.9419.



This preview shows how white text looks on a background with the XYZ color 53.0182, 57.6549,

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

53.0182, 57.6549, 102.9419

Protanopia

57.5587, 57.3369, 97.6560

Deuteranopia

58.5290, 57.3912, 102.6005



Tritanopia

48.7658, 57.7502, 81.2497

Trichromacy



Original Color

53.0182, 57.6549, 102.9419

Protanomaly

55.7461, 57.3875, 99.4056

Deuteranomaly

56.1526, 57.1808, 102.6852

Tritanomaly

50.2364, 57.6157, 88.5940

Monochromacy



Original Color

53.0182, 57.6549, 102.9419

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7702, 55.5599, 73.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0182, 57.6549, 102.9419 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(153, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0182, 57.6549, 102.9419 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(153, 205, 255) }
```


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

```
.border{ border-color:rgb(153, 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(153, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 205, 255); box-shadow:4px 4px 4px 4px rgb(153, 205, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0182, 57.6549, 102.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 205, 255) }
```

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

```
.background{ background-color: rgb(153,  
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](#).

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