

Converting Colors

XYZ(53.5062, 57.9676,
102.9765)

Have a look what the booklet for
XYZ(53.5062, 57.9676, 102.9765)
contains.

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Color

**XYZ(53.3989, 57.8512,
102.9597)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCDFF
RGB	155, 205, 255
RGB Percent	61%, 80%, 100%
CMY	0.3921, 0.1961, 0.0000
CMYK	0.39, 0.20, 0.00, 0.00
HSL	210°, 100%, 80%
HSV	210°, 39%, 100%
XYZ	53.3989, 57.8512, 102.9597
YIQ	195.7500, -45.8500, 4.9500

Conversions

Conversions Part 2

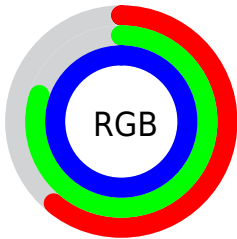
Format	Color
R _Y B	155, 188, 255
Decimal	10210815
CIE Lab	80.66, -4.05, -29.66
CIE LCh	81, 29.932, 262.229
Yxy	57.8512, 0.2493, 0.2701
Android (android.graphics.Color)	4288400895 (0xFF9BCDFF)
YUV	195.7500, 29.2102, -35.7377
Hunter-Lab	76.0600, -7.7867, -27.0168

Details

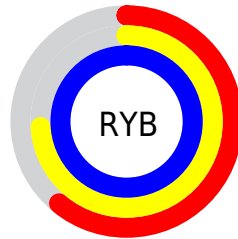
The XYZ color **53.3989, 57.8512, 102.9597** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.9883, 67.2898, 40.3645**, and the grayscale version is **52.1714, 54.8884, 59.7735**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **26.4052, 28.8631, 57.6055** is the 20% darker color. If you saturate the color by 10%, you get **46.0855, 49.7376, 101.7791**, and if you desaturate by 10%, it is **61.9975, 66.9989, 104.2722**.

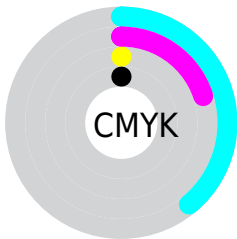
Distribution



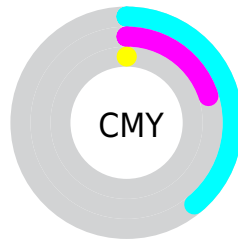
- Red (61%)
- Green (80%)
- Blue (100%)



- Red (61%)
- Yellow (74%)
- Blue (100%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3989, 57.8512, 102.9597 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 53.3989, 57.8512, 102.9597 by changing the saturation by 10% instead.

■ 53.3989, 57.8512,
102.9597

■ 53.3989, 57.8512,
102.9597

390.0495,
416.6312, 590.9682

■ 38.3501, 41.6890,
78.1440

■ 94.3532, 101.7061,
167.3058

■ 26.4329, 28.8579,
57.6751

■ 120.9893,
130.1677, 207.6733

■ 17.2822, 18.9733,
41.1345

152.2186,
163.4979, 254.0618

■ 10.5324, 11.6510,
28.1037

188.4063,
202.0810, 306.8898

■ 5.8183, 6.5065,
18.1642

229.9180,
246.3015, 366.5759

■ 2.7745, 3.1554,
10.8972

277.1188,

■ 1.0357, 1.2134,

296.5438, 433.5387

5.8845

330.3742,
353.1922, 508.1966

■ 0.0000, 0.0726,
2.7073

■ 0.0000, 0.0000,
0.9471

■ 53.3989, 57.8512,
102.9597

■ 53.3989, 57.8512,
102.9597

■ 46.0855, 49.7376,
101.7791

■ 61.9975, 66.9989,
104.2722

■ 39.9808, 42.6060,
100.7243

■ 71.9418, 77.2164,
105.7203

■ 35.0072, 36.4087,
99.7902

■ 83.2943, 88.5454,
107.3086

■ 31.0748, 31.0898,
98.9709

95.0500, 100.0000,
108.9000

■ 28.0780, 26.5850,
98.2593

■ 25.8604, 22.8035,
97.6463

■ 25.7045, 22.5291,
97.6015

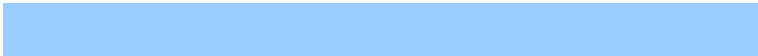
Harmonies

Analogous

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



48.0416, 57.8512, 93.8091



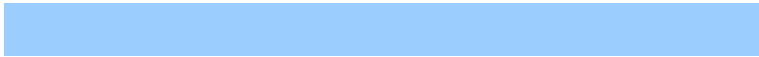
53.3989, 57.8512, 102.9597



59.5923, 57.8512, 99.9223

Triad

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



53.3989, 57.8512, 102.9597



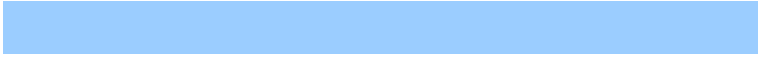
66.7022, 57.8512, 51.0024



46.1397, 57.8512, 44.4041

Complementary

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



53.3989, 57.8512, 102.9597



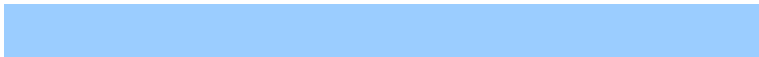
68.9883, 67.2898, 40.3645

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.



50.6231, 57.8512, 36.5056



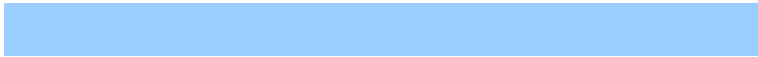
53.3989, 57.8512, 102.9597



62.5690, 57.8512, 39.7895

Square

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



53.3989, 57.8512, 102.9597



67.5841, 57.8512, 67.6918



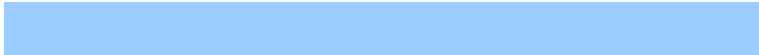
56.6039, 57.8512, 34.9902



44.0594, 57.8512, 58.5114

Rectangle

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



53.3989, 57.8512, 102.9597



63.3419, 57.8512, 91.6132



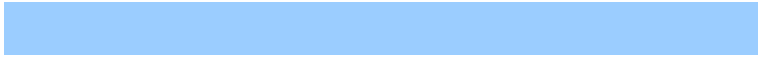
56.6039, 57.8512, 34.9902



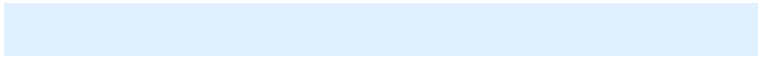
47.3990, 57.8512, 41.0521

Sweetspot

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



53.4006, 57.8533, 102.9600



79.9866, 85.2752, 106.8518



60.0980, 82.8168, 69.5276



16.7968, 17.9307, 22.8256



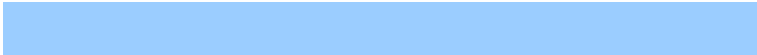
0.0000, 0.0000, 0.0000



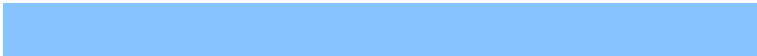
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4006, 57.8533, 102.9600



47.5981, 51.4479, 102.0295



43.5698, 38.1918, 99.6831



17.7534, 18.8785, 22.9582



13.5805, 12.0705, 51.0487



1.4315, 1.3937, 5.0068

Inverse Universe

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



63.9820, 49.1121, 63.8672



59.7839, 42.5734, 56.7417



82.3874, 94.0880, 44.8308



18.3882, 18.1386, 20.6614



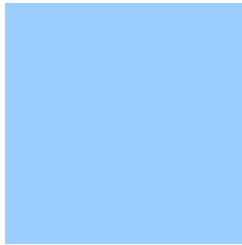
23.6430, 11.9465, 12.0364



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 53.3989, 57.8512, 102.9597 looks on a white background.

Color Contrast Check

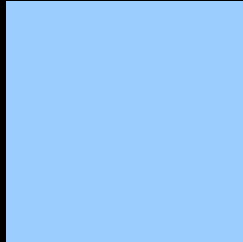
Large Text (above 18pt) WCAG AA × Fail

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 53.3989, 57.8512, 102.9597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

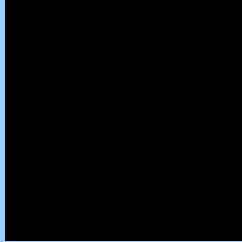
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

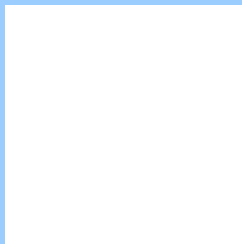
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3989, 57.8512, 102.9597

Background



This preview shows how black text looks on a background with the XYZ color 53.3989, 57.8512, 102.9597.



This preview shows how white text looks on a background with the XYZ color 53.3989, 57.8512,

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

53.3989, 57.8512, 102.9597

Protanopia

57.7151, 57.3994, 98.4798

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

49.1245, 57.9351, 81.2665

Trichromacy



Original Color

53.3989, 57.8512, 102.9597

Protanomaly

55.9042, 57.4508, 100.2381

Deuteranomaly

56.6049, 57.4140, 102.7063

Tritanomaly

50.6044, 57.8055, 88.6112

Monochromacy



Original Color

53.3989, 57.8512, 102.9597

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0039, 55.6804, 73.6521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3989, 57.8512, 102.9597 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(155, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3989, 57.8512, 102.9597 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(155, 205, 255) }
```


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

```
.border{ border-color:rgb(155, 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(155, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3989, 57.8512, 102.9597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 205, 255) }
```

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

```
.background{ background-color: rgb(155,  
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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