

Converting Colors

XYZ(54.9820, 59.5099, 97.3956)

Have a look what the booklet for
XYZ(54.9820, 59.5099, 97.3956)
contains.

XYZ(54.9820, 59.5099, 97.3956)	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(54.9820, 59.5099,
97.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CFF8
RGB	166, 207, 248
RGB Percent	65%, 81%, 97%
CMY	0.3490, 0.1882, 0.0274
CMYK	0.33, 0.17, 0.00, 0.03
HSL	210°, 85%, 81%
HSV	210°, 33%, 97%
XYZ	54.9820, 59.5099, 97.3956
YIQ	199.4150, -37.5970, 4.0590

Conversions

Conversions Part 2

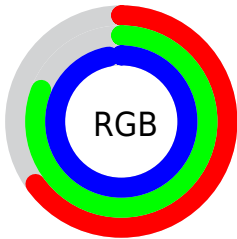
Format	Color
R _Y B	166, 193, 248
Decimal	10932216
CIE Lab	81.57, -3.95, -24.48
CIE LCh	82, 24.795, 260.824
Yxy	59.5099, 0.2595, 0.2809
Android (android.graphics.Color)	4289122296 (0xFFA6CFF8)
YUV	199.4150, 23.9524, -29.3050
Hunter-Lab	77.1427, -7.7771, -20.8561

Details

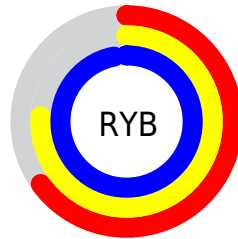
The XYZ color **54.9820, 59.5099, 97.3956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.9083, 67.3364, 45.4964**, and the grayscale version is **54.4161, 57.2499, 62.3452**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **27.4612, 29.9677, 54.2062** is the 20% darker color. If you saturate the color by 10%, you get **47.3891, 51.3110, 96.2143**, and if you desaturate by 10%, it is **63.8170, 68.7022, 98.7053**.

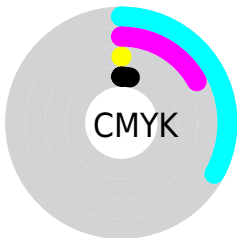
Distribution



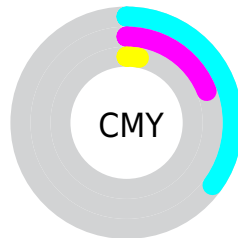
- Red (65%)
- Green (81%)
- Blue (97%)



- Red (65%)
- Yellow (76%)
- Blue (97%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9820, 59.5099, 97.3956 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 54.9820, 59.5099, 97.3956 by changing the saturation by 10% instead.

■ 54.9820, 59.5099,
97.3956

■ 54.9820, 59.5099,
97.3956

395.9812,
422.7889, 572.9852

■ 39.6211, 43.0237,
73.5226

■ 96.6631, 104.1184,
159.5940

■ 27.4261, 29.9037,
53.9089

■ 123.7139,
133.0095, 198.7565

■ 18.0318, 19.7655,
38.1362

155.3922,
166.8043, 243.8526

■ 11.0726, 12.2247,
25.7858

192.0631,
205.8874, 295.3007

■ 6.1834, 6.8969,
16.4391

234.0921,
250.6429, 353.5195

■ 2.9986, 3.3977,
9.6777

281.8446,

■ 1.1530, 1.3427,

301.4555, 418.9275

5.0830

335.6858,
358.7093, 491.9432

■ 0.0688, 0.1739,
2.2364

■ 0.0000, 0.0000,
0.6953

■ 54.9820, 59.5099,
97.3956

■ 54.9820, 59.5099,
97.3956

■ 47.3891, 51.3110,
96.2143

■ 63.8170, 68.7022,
98.7053

■ 40.9695, 44.0577,
95.1526

■ 73.9468, 78.9186,
100.1433

■ 35.6557, 37.7085,
94.2072

■ 85.4278, 90.1970,
101.7152

■ 31.3703, 32.2149,
93.3726

■ 93.9435, 99.5574,
103.0731

■ 28.0246, 27.5220,
92.6432

■ 25.5119, 23.5656,
92.0119

■ 24.1516, 21.1937,
91.6258

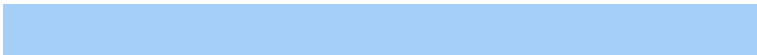
Harmonies

Analogous

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



50.4752, 59.5099, 89.6411



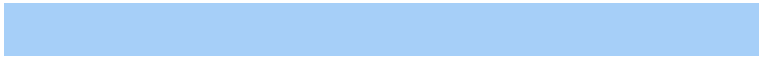
54.9820, 59.5099, 97.3956



60.1939, 59.5099, 95.4342

Triad

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



54.9820, 59.5099, 97.3956



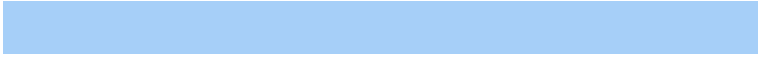
66.4377, 59.5099, 55.1351



49.1561, 59.5099, 48.3301

Complementary

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



54.9820, 59.5099, 97.3956



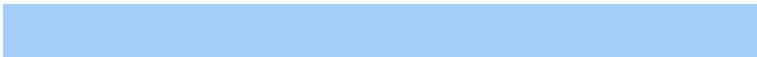
67.9083, 67.3364, 45.4964

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.



53.0799, 59.5099, 41.5365



54.9820, 59.5099, 97.3956



63.1203, 59.5099, 45.0267

Square

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



54.9820, 59.5099, 97.3956



67.0244, 59.5099, 69.4733



58.1727, 59.5099, 40.4277



47.2500, 59.5099, 60.3338

Rectangle

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



54.9820, 59.5099, 97.3956



63.3577, 59.5099, 88.9850



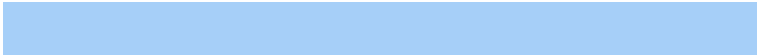
58.1727, 59.5099, 40.4277



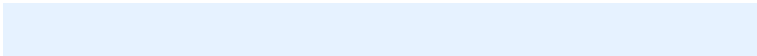
50.2711, 59.5099, 45.4436

Sweetspot

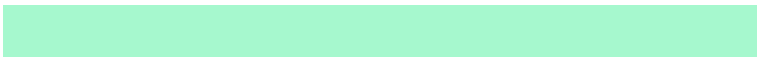
The Sweet Spot groups the original color and five complimentary colors.



54.9839, 59.5122, 97.3970



82.3496, 87.6138, 107.1786



60.3909, 79.6815, 70.3581



17.2695, 18.4002, 22.8913



0.0000, 0.0000, 0.0000



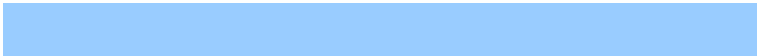
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9839, 59.5122, 97.3970



52.7801, 57.1787, 102.8625



46.5569, 42.6582, 94.5880



17.0001, 18.0770, 21.9785



13.1869, 11.7294, 49.5425



1.3273, 1.2983, 4.6238

Inverse Universe

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



63.6117, 51.7357, 65.6671



63.5305, 48.4022, 63.1217



78.7443, 89.0083, 49.1083



17.6066, 17.3700, 19.7841



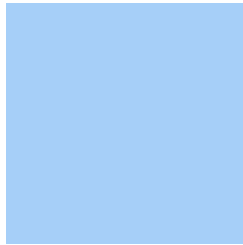
22.9482, 11.5950, 11.7014



2.1789, 1.0953, 1.3655

Previews

White Background



This preview shows how the XYZ color 54.9820, 59.5099, 97.3956 looks on a white background.

Color Contrast Check

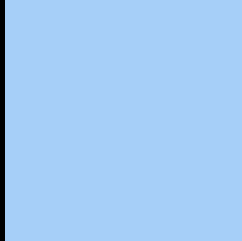
Large Text (above 18pt) WCAG AA × Fail

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 54.9820, 59.5099, 97.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

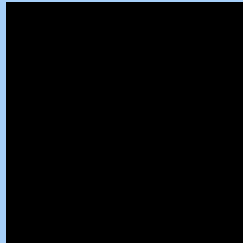
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

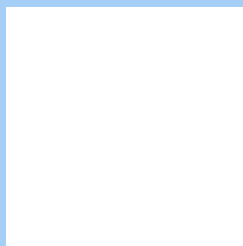
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9820, 59.5099, 97.3956

Background



This preview shows how black text looks on a background with the XYZ color 54.9820, 59.5099, 97.3956.



This preview shows how white text looks on a background with the XYZ color 54.9820, 59.5099,

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

54.9820, 59.5099, 97.3956

Protanopia

58.8243, 59.1171, 93.1044

Deuteranopia

60.7381, 59.2961, 98.6865



Tritanopia

51.8573, 59.7116, 81.4654

Trichromacy



Original Color

54.9820, 59.5099, 97.3956

Protanomaly

57.3658, 59.3717, 94.8226

Deuteranomaly

58.2352, 59.0519, 97.9514

Tritanomaly

53.1462, 59.8779, 87.3537

Monochromacy



Original Color

54.9820, 59.5099, 97.3956

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1384, 57.8156, 73.9518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9820, 59.5099, 97.3956 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(166, 207, 248)` looks like.

```
.text, #text, p{  
    color:rgb(166, 207, 248)  
}
```

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(166, 207, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 207, 248) }
```

Border

The CSS property to change the border of an element to XYZ 54.9820, 59.5099, 97.3956 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(166, 207, 248) }
```


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

```
.border{ border-color:rgb(166, 207, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 207, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 207, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 207, 248);  
box-shadow:4px 4px 4px 4px rgb(166, 207,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9820, 59.5099, 97.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 207, 248) }
```

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

```
.background{ background-color: rgb(166,  
207, 248) }
```

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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