

Converting Colors

XYZ(52.1391, 59.4898,
101.1456)

Have a look what the booklet for
XYZ(52.1391, 59.4898, 101.1456)
contains.

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Color

**XYZ(52.0203, 59.3676,
100.8128)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED3FC
RGB	142, 211, 252
RGB Percent	56%, 83%, 99%
CMY	0.4431, 0.1725, 0.0118
CMYK	0.44, 0.16, 0.00, 0.01
HSL	202°, 95%, 77%
HSV	202°, 44%, 99%
XYZ	52.0203, 59.3676, 100.8128
YIQ	195.0430, -54.2850, -1.8770

Conversions

Conversions Part 2

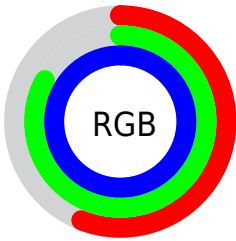
Format	Color
R _Y B	142, 184, 252
Decimal	9360380
CIE Lab	81.49, -11.24, -26.84
CIE LCh	81, 29.097, 247.281
Yxy	59.3676, 0.2451, 0.2798
Android (android.graphics.Color)	4287550460 (0xFF8ED3FC)
YUV	195.0430, 28.0798, -46.5187
Hunter-Lab	77.0504, -14.3245, -23.6398

Details

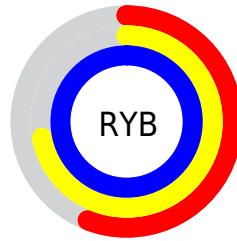
The XYZ color **52.0203, 59.3676, 100.8128** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.9623, 56.5169, 33.2362**, and the grayscale version is **51.7602, 54.4558, 59.3024**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **25.6536, 29.9854, 56.0654** is the 20% darker color. If you saturate the color by 10%, you get **45.9102, 52.8555, 99.8789**, and if you desaturate by 10%, it is **59.2479, 66.6608, 101.8407**.

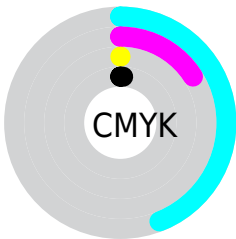
Distribution



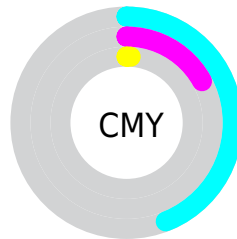
- Red (56%)
- Green (83%)
- Blue (99%)



- Red (56%)
- Yellow (72%)
- Blue (99%)



- Cyan (44%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (44%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0203, 59.3676, 100.8128 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 52.0203, 59.3676, 100.8128 by changing the saturation by 10% instead.

■ 52.0203, 59.3676,
100.8128

■ 52.0203, 59.3676,
100.8128

384.8376,
422.2628, 584.0644

■ 37.2456, 42.9091,
76.3589

■ 92.3352, 103.9117,
164.3353

■ 25.5722, 29.8138,
56.2184

■ 118.6062,
132.7662, 204.2410

■ 16.6349, 19.6973,
39.9729

149.4399,
166.5214, 250.1343

■ 10.0682, 12.1752,
27.2038

185.2017,
205.5618, 302.4337

■ 5.5068, 6.8631,
17.4925

226.2571,
250.2717, 361.5580

■ 2.5854, 3.3766,
10.4206

272.9713,

■ 0.9385, 1.3314,

301.0356, 427.9254

5.5695

325.7097,
358.2378, 501.9547

■ 0.0000, 0.1653,
2.5206

■ 0.0000, 0.0000,
0.8510

■ 52.0203, 59.3676,
100.8128

■ 52.0203, 59.3676,
100.8128

■ 45.9102, 52.8555,
99.8789

■ 59.2479, 66.6608,
101.8407

■ 40.8428, 47.0786,
99.0310

■ 67.6499, 74.7639,
102.9619

■ 36.7426, 41.9959,
98.2660

■ 77.2860, 83.7122,
104.1812

■ 33.5203, 37.5575,
97.5792

■ 88.2100, 93.5367,
105.5018

■ 31.0674, 33.7040,
96.9646

94.5709, 99.8084,
106.3771

■ 29.8106, 31.5078,
96.6070

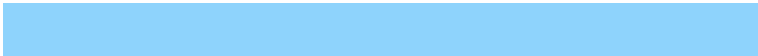
Harmonies

Analogous

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



47.6053, 59.3676, 87.1815



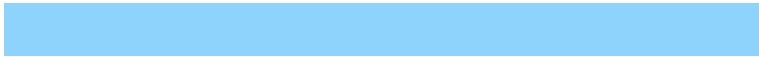
52.0203, 59.3676, 100.8128



57.9258, 59.3676, 103.9840

Triad

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



52.0203, 59.3676, 100.8128



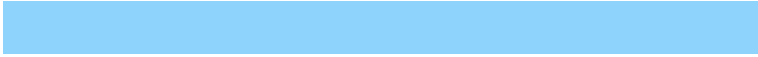
68.8707, 59.3676, 60.4792



49.6208, 59.3676, 41.4415

Complementary

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



52.0203, 59.3676, 100.8128



61.9623, 56.5169, 33.2362

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.



54.9545, 59.3676, 36.7334



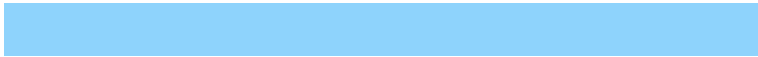
52.0203, 59.3676, 100.8128



66.2766, 59.3676, 46.3651

Square

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



52.0203, 59.3676, 100.8128



67.9442, 59.3676, 78.4917



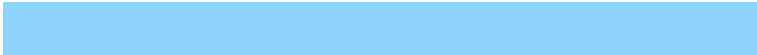
61.0760, 59.3676, 38.3579



46.2911, 59.3676, 52.5242

Rectangle

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



52.0203, 59.3676, 100.8128



61.9720, 59.3676, 99.3014



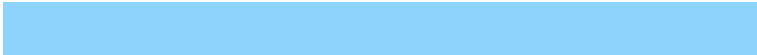
61.0760, 59.3676, 38.3579



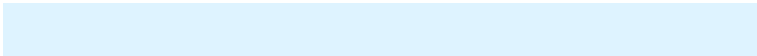
51.2233, 59.3676, 39.1611

Sweetspot

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



52.0222, 59.3699, 100.8142



80.0725, 86.6144, 107.1057



54.4454, 78.7642, 56.7722



16.6429, 18.0854, 22.8636



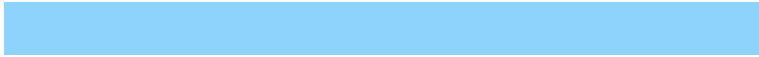
0.0000, 0.0000, 0.0000



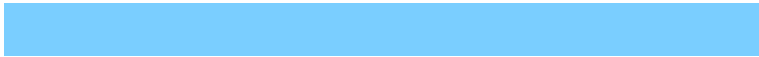
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0222, 59.3699, 100.8142



48.1025, 55.3262, 102.7515



40.7285, 36.7824, 97.0496



17.1904, 18.4576, 22.0419



15.6746, 16.7048, 50.3718



1.5533, 1.7504, 4.6992

Inverse Universe

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



61.5774, 44.7465, 67.0218



59.3380, 39.7132, 62.6617



75.4095, 83.4115, 37.7187



17.7026, 17.4084, 20.2898



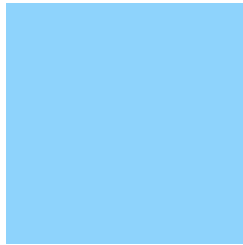
24.2038, 12.0973, 18.3137



2.2930, 1.1409, 1.9662

Previews

White Background



This preview shows how the XYZ color 52.0203, 59.3676, 100.8128 looks on a white background.

Color Contrast Check

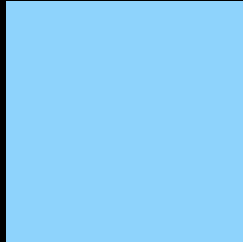
Large Text (above 18pt) WCAG AA × Fail

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 52.0203, 59.3676, 100.8128 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 52.0203, 59.3676, 100.8128

Background



This preview shows how black text looks on a background with the XYZ color 52.0203, 59.3676, 100.8128.



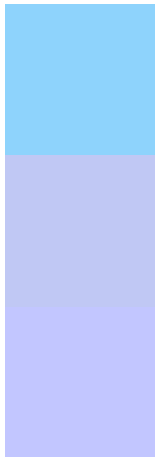
This preview shows how white text looks on a background with the XYZ color 52.0203, 59.3676,

100.8128.

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

52.0203, 59.3676, 100.8128

Protanopia

58.7216, 59.0467, 93.8901

Deuteranopia

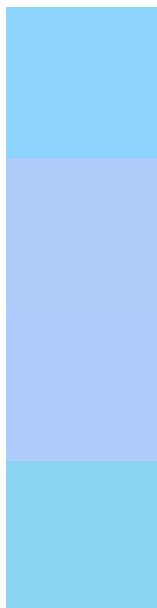
60.4922, 59.0775, 102.8226



Tritanopia

48.7654, 59.1536, 85.1915

Trichromacy



Original Color

52.0203, 59.3676, 100.8128

Protanomaly

55.8369, 58.8998, 96.4216

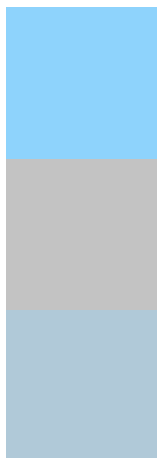
Deuteranomaly

56.9245, 58.9816, 102.1503

Tritanomaly

49.8555, 59.2238, 90.4650

Monochromacy



Original Color

52.0203, 59.3676, 100.8128

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.1858, 55.9613, 73.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0203, 59.3676, 100.8128 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(142, 211, 252)` looks like.

```
.text, #text, p{  
    color:rgb(142, 211, 252)  
}
```

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(142, 211, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 211, 252) }
```

Border

The CSS property to change the border of an element to XYZ 52.0203, 59.3676, 100.8128 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(142, 211, 252) }
```


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

```
.border{ border-color:rgb(142, 211, 252) }
```

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

Here you see how a box with a 4 pixel rgb(142, 211, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 211, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 211, 252);  
box-shadow:4px 4px 4px 4px rgb(142, 211,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0203, 59.3676, 100.8128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 211, 252) }
```

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

```
.background{ background-color: rgb(142,  
211, 252) }
```

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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