

Converting Colors

XYZ(54.1283, 60.8526,
109.5929)

Have a look what the booklet for
XYZ(54.1283, 60.8526, 109.5929)
contains.

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Color

**XYZ(52.9996, 60.5593,
103.5035)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED5FF
RGB	142, 213, 255
RGB Percent	56%, 84%, 100%
CMY	0.4431, 0.1647, 0.0000
CMYK	0.44, 0.16, 0.00, 0.00
HSL	202°, 100%, 78%
HSV	202°, 44%, 100%
XYZ	52.9996, 60.5593, 103.5035
YIQ	196.5590, -55.7980, -1.9900

Conversions

Conversions Part 2

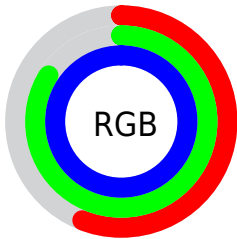
Format	Color
R _Y B	142, 186, 255
Decimal	9360895
CIE Lab	82.14, -11.48, -27.44
CIE LCh	82, 29.746, 247.298
Yxy	60.5593, 0.2442, 0.2790
Android (android.graphics.Color)	4287550975 (0xFF8ED5FF)
YUV	196.5590, 28.8114, -47.8482
Hunter-Lab	77.8199, -14.6164, -24.3842

Details

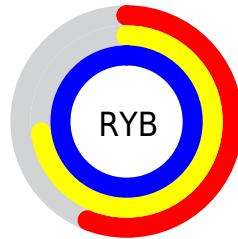
The XYZ color **52.9996, 60.5593, 103.5035** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.2637, 57.4948, 33.3564**, and the grayscale version is **52.6629, 55.4055, 60.3366**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **26.0761, 30.4158, 57.9226** is the 20% darker color. If you saturate the color by 10%, you get **46.8002, 53.9285, 102.5503**, and if you desaturate by 10%, it is **60.3425, 67.9891, 104.5506**.

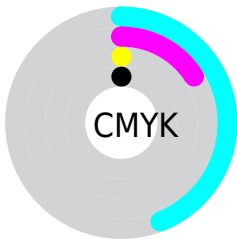
Distribution



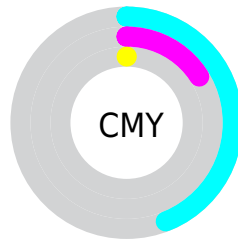
- Red (56%)
- Green (84%)
- Blue (100%)



- Red (56%)
- Yellow (73%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9996, 60.5593, 103.5035 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 52.9996, 60.5593, 103.5035 by changing the saturation by 10% instead.


 52.9996, 60.5593,
103.5035


 52.9996, 60.5593,
103.5035


388.5445,
426.6563, 592.7101

 38.0299, 43.8696,
78.5965


 93.7693, 105.6406,
168.0572

 26.1832, 30.5680,
58.0448


 120.3001,
134.8009, 208.5411

 17.0942, 20.2701,
41.4297


151.4152,
168.8870, 255.0543

 10.3974, 12.5916,
28.3328

187.4801,
208.2831, 308.0155

 5.7275, 7.1479,
18.3354

228.8602,
253.3737, 367.8431

 2.7192, 3.5548,
11.0192

275.9206,

 1.0071, 1.4278,

304.5432, 434.9557

5.9654

329.0270,
362.1759, 509.7719

■ 0.0000, 0.2371,
2.7556

■ 0.0000, 0.0000,
0.9712

■ 52.9996, 60.5593,
103.5035

■ 52.9996, 60.5593,
103.5035

■ 46.8002, 53.9285,
102.5503

■ 60.3425, 67.9891,
104.5506

■ 41.6675, 48.0496,
101.6861

■ 68.8886, 76.2480,
105.6943

■ 37.5229, 42.8798,
100.9067

■ 78.6993, 85.3725,
106.9384

■ 34.2735, 38.3676,
100.2070

■ 89.8302, 95.3944,
108.2861

■ 31.8056, 34.4505, 95.0500, 100.0000,
99.5810 108.9000

■ 30.6598, 32.4397,
99.2533

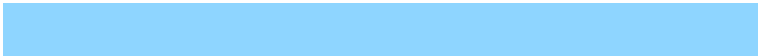
Harmonies

Analogous

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



48.4308, 60.5593, 89.3355



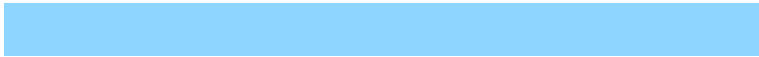
52.9996, 60.5593, 103.5035



59.1161, 60.5593, 106.7962

Triad

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



52.9996, 60.5593, 103.5035



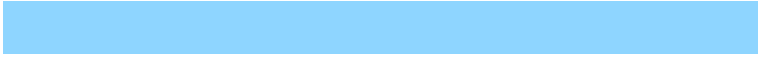
70.4634, 60.5593, 61.6192



50.5110, 60.5593, 41.9637

Complementary

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



52.9996, 60.5593, 103.5035



63.2637, 57.4948, 33.3564

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.



56.0311, 60.5593, 37.1105



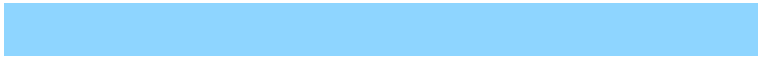
52.9996, 60.5593, 103.5035



67.7694, 60.5593, 47.0315

Square

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



52.9996, 60.5593, 103.5035



69.5038, 60.5593, 80.2909



62.3743, 60.5593, 38.7794



47.0691, 60.5593, 53.4078

Rectangle

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



52.9996, 60.5593, 103.5035



63.3101, 60.5593, 101.9198



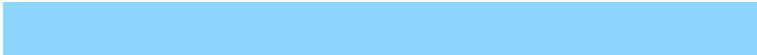
62.3743, 60.5593, 38.7794



52.1687, 60.5593, 39.6126

Sweetspot

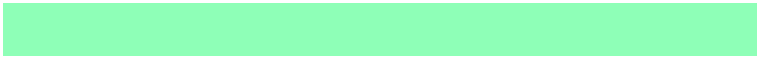
The Sweet Spot groups the original color and five complimentary colors.



53.0013, 60.5615, 103.5038



80.0830, 86.6353, 107.1092



55.5090, 80.7083, 57.6910



16.6455, 18.0906, 22.8645



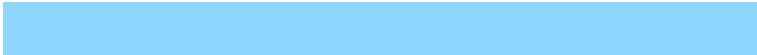
0.0000, 0.0000, 0.0000



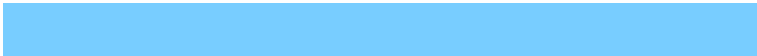
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0013, 60.5615, 103.5038



47.5511, 54.7547, 102.6702



41.2752, 37.1092, 99.5951



17.9542, 19.2800, 23.0251



16.1683, 17.2462, 51.9113



1.6790, 1.8887, 5.0893

Inverse Universe

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



62.9245, 45.4118, 68.4020



58.9300, 39.0535, 62.0438



77.2635, 85.4945, 38.0231



18.4895, 18.1791, 21.1950



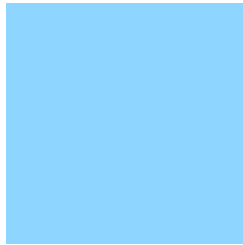
24.9492, 12.4690, 18.9148



2.4821, 1.2352, 2.1201

Previews

White Background



This preview shows how the XYZ color 52.9996, 60.5593, 103.5035 looks on a white background.

Color Contrast Check

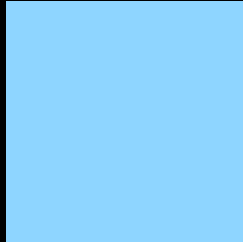
Large Text (above 18pt) WCAG AA × Fail

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 52.9996, 60.5593, 103.5035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

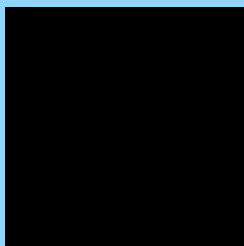
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

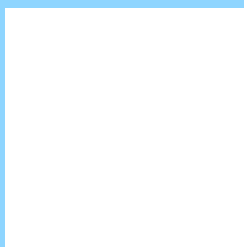
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9996, 60.5593, 103.5035

Background



This preview shows how black text looks on a background with the XYZ color 52.9996, 60.5593, 103.5035.

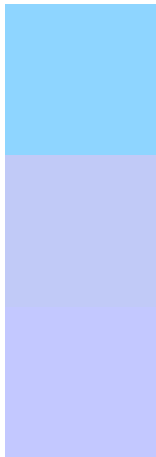


This preview shows how white text looks on a background with the XYZ color 52.9996, 60.5593,

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

52.9996, 60.5593, 103.5035

Protanopia

59.9013, 60.2939, 96.4764

Deuteranopia

61.2100, 60.1307, 102.9880



Tritanopia

49.8175, 60.8005, 86.9519

Trichromacy



Original Color

52.9996, 60.5593, 103.5035

Protanomaly

56.7822, 60.0434, 99.0393

Deuteranomaly

57.7858, 60.1127, 103.1650

Tritanomaly

51.0641, 60.9258, 93.0729

Monochromacy



Original Color

52.9996, 60.5593, 103.5035

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.1423, 57.1209, 74.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9996, 60.5593, 103.5035 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 213, 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(142, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.9996, 60.5593, 103.5035 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, 213, 255) }
```


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

```
.border{ border-color:rgb(142, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9996, 60.5593, 103.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 213, 255) }
```

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

```
.background{ background-color: rgb(142,  
213, 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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