

Converting Colors

XYZ(52.4656, 60.1150,
103.1177)

Have a look what the booklet for
XYZ(52.4656, 60.1150, 103.1177)
contains.

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Color

**XYZ(52.6595, 60.3839,
103.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD5FF
RGB	140, 213, 255
RGB Percent	55%, 84%, 100%
CMY	0.4510, 0.1647, 0.0000
CMYK	0.45, 0.16, 0.00, 0.00
HSL	202°, 100%, 77%
HSV	202°, 45%, 100%
XYZ	52.6595, 60.3839, 103.4876
YIQ	195.9610, -56.9900, -2.4140

Conversions

Conversions Part 2

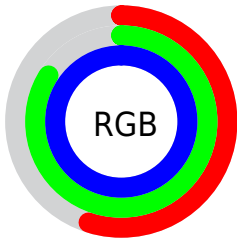
Format	Color
R _Y B	140, 185, 255
Decimal	9229823
CIE Lab	82.05, -11.95, -27.59
CIE LCh	82, 30.073, 246.579
Yxy	60.3839, 0.2432, 0.2789
Android (android.graphics.Color)	4287419903 (0xFF8CD5FF)
YUV	195.9610, 29.1062, -49.0778
Hunter-Lab	77.7071, -15.0239, -24.5654

Details

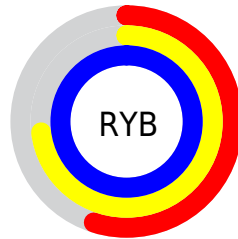
The XYZ color **52.6595, 60.3839, 103.4876** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.7024, 56.6104, 32.4352**, and the grayscale version is **52.3031, 55.0270, 59.9244**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **25.8996, 30.3248, 57.9143** is the 20% darker color. If you saturate the color by 10%, you get **46.5748, 53.8702, 102.5510**, and if you desaturate by 10%, it is **59.8777, 67.6843, 104.5162**.

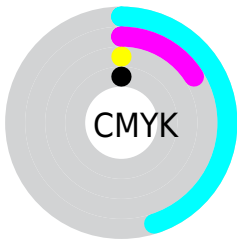
Distribution



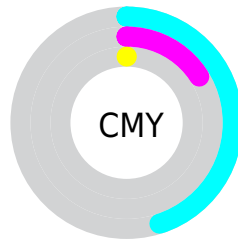
- Red (55%)
- Green (84%)
- Blue (100%)



- Red (55%)
- Yellow (73%)
- Blue (100%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6595, 60.3839, 103.4876 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 52.6595, 60.3839, 103.4876 by changing the saturation by 10% instead.

■ 52.6595, 60.3839,
103.4876

■ 52.6595, 60.3839,
103.4876

387.2597,
426.0114, 592.6592

■ 37.7574, 43.7281,
78.5833

■ 93.2716, 105.3864,
168.0353

■ 25.9708, 30.4568,
58.0340

■ 119.7124,
134.5019, 208.5157

■ 16.9344, 20.1856,
41.4211

150.7300,
168.5394, 255.0253

■ 10.2827, 12.5300,
28.3261

186.6900,
207.8833, 307.9826

■ 5.6505, 7.1057,
18.3304

227.9575,
252.9181, 367.8061

■ 2.6724, 3.5283,
11.0156

274.8981,

■ 0.9830, 1.4134,

304.0281, 434.9143

5.9630

327.8770,
361.5977, 509.7258

■ 0.0000, 0.2266,
2.7542

■ 0.0000, 0.0000,
0.9705

■ 52.6595, 60.3839,
103.4876

■ 52.6595, 60.3839,
103.4876

■ 46.5748, 53.8702,
102.5510

■ 59.8777, 67.6843,
104.5162

■ 41.5463, 48.0961,
101.7015

■ 68.2895, 75.8016,
105.6397

■ 37.4949, 43.0186,
100.9350

■ 77.9565, 84.7721,
106.8616

■ 34.3263, 38.5858,
100.2464

■ 88.9345, 94.6276,
108.1853

■ 31.9250, 34.7344,
99.6295

95.0500, 100.0000,
108.9000

■ 30.9479, 33.0157,
99.3493

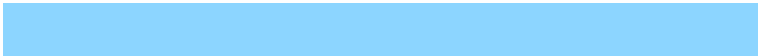
Harmonies

Analogous

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



48.1057, 60.3839, 88.9534



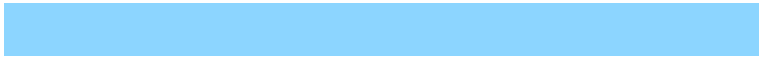
52.6595, 60.3839, 103.4876



58.8083, 60.3839, 107.1288

Triad

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



52.6595, 60.3839, 103.4876



70.4451, 60.3839, 61.8091



50.3970, 60.3839, 41.4038

Complementary

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



52.6595, 60.3839, 103.4876



62.7024, 56.6104, 32.4352

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.



56.0008, 60.3839, 36.6873



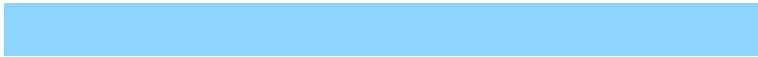
52.6595, 60.3839, 103.4876



67.8049, 60.3839, 46.9758

Square

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



52.6595, 60.3839, 103.4876



69.3857, 60.3839, 80.7047



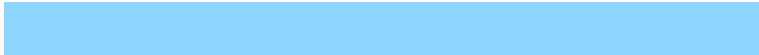
62.4022, 60.3839, 38.5199



46.8686, 60.3839, 52.7634

Rectangle

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



52.6595, 60.3839, 103.4876



63.0514, 60.3839, 102.3858



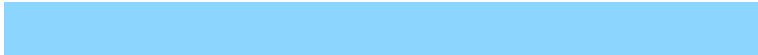
62.4022, 60.3839, 38.5199



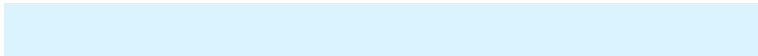
52.0839, 60.3839, 39.0949

Sweetspot

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



52.6612, 60.3861, 103.4879



79.0946, 85.8084, 107.0017



54.8402, 80.4016, 55.9443



16.4531, 17.9320, 22.8440



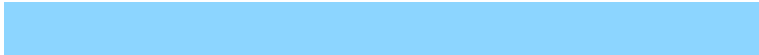
0.0000, 0.0000, 0.0000



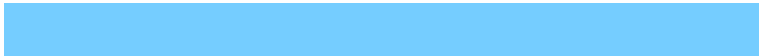
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6612, 60.3861, 103.4879



47.1888, 54.5473, 102.6493



40.9663, 36.9962, 99.5896



17.9644, 19.3004, 23.0285



16.3181, 17.5458, 51.9612



1.6930, 1.9167, 5.0940

Inverse Universe

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



62.6296, 44.8220, 68.3036



58.6209, 38.4464, 61.9062



76.4761, 84.1577, 37.0264



18.4947, 18.1812, 21.2222



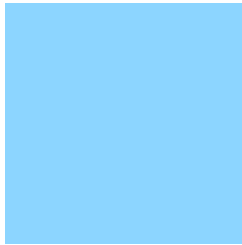
25.0248, 12.4992, 19.3131



2.4891, 1.2380, 2.1573

Previews

White Background



This preview shows how the XYZ color 52.6595, 60.3839, 103.4876 looks on a white background.

Color Contrast Check

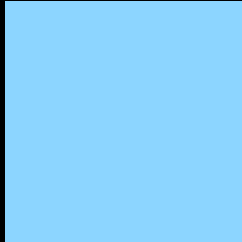
Large Text (above 18pt) WCAG AA × Fail

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 52.6595, 60.3839, 103.4876 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

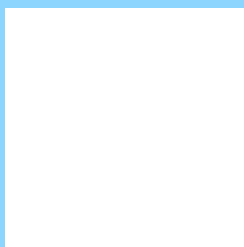
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6595, 60.3839, 103.4876

Background



This preview shows how black text looks on a background with the XYZ color 52.6595, 60.3839, 103.4876.

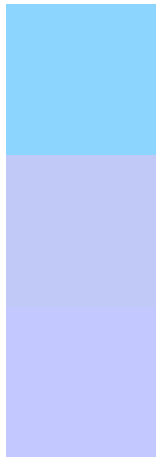


This preview shows how white text looks on a background with the XYZ color 52.6595, 60.3839,

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

52.6595, 60.3839, 103.4876

Protanopia

59.6675, 59.8261, 96.3985

Deuteranopia

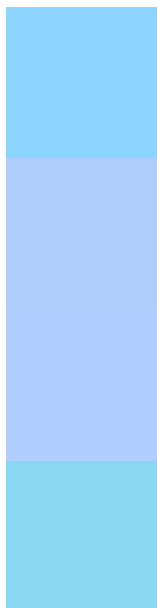
61.2100, 60.1307, 102.9880



Tritanopia

49.4957, 60.6346, 86.9368

Trichromacy



Original Color

52.6595, 60.3839, 103.4876

Protanomaly

56.5422, 59.5634, 98.9593

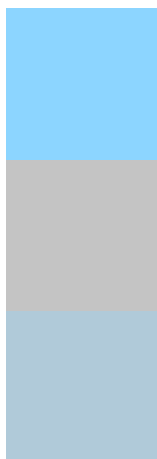
Deuteranomaly

57.5605, 59.9966, 103.1545

Tritanomaly

50.7362, 60.7568, 93.0575

Monochromacy



Original Color

52.6595, 60.3839, 103.4876

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.5494, 56.4809, 73.8306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6595, 60.3839, 103.4876 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(140, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6595, 60.3839, 103.4876 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(140, 213, 255) }
```


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

```
.border{ border-color:rgb(140, 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(140, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6595, 60.3839, 103.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 213, 255) }
```

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

```
.background{ background-color: rgb(140,  
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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