

Converting Colors

XYZ(51.0502, 59.5543,
103.4122)

Have a look what the booklet for
XYZ(51.0502, 59.5543, 103.4122)
contains.

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Color

**XYZ(51.0502, 59.5543,
103.4122)**

Conversions

Conversions Part 1

Format	Color
Hex	82D5FF
RGB	130, 213, 255
RGB Percent	51%, 84%, 100%
CMY	0.4902, 0.1647, 0.0000
CMYK	0.49, 0.16, 0.00, 0.00
HSL	200°, 100%, 75%
HSV	200°, 49%, 100%
XYZ	51.0502, 59.5543, 103.4122
YIQ	192.9710, -62.9500, -4.5340

Conversions

Conversions Part 2

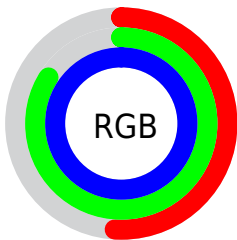
Format	Color
RYB	130, 180, 255
Decimal	8574463
CIELab	81.60, -14.24, -28.32
CIELCh	82, 31.701, 243.316
Yxy	59.5543, 0.2385, 0.2783
Android (android.graphics.Color)	4286764543 (0xFF82D5FF)
YUV	192.9710, 30.5803, -55.2256
Hunter-Lab	77.1714, -16.9693, -25.4305

Details

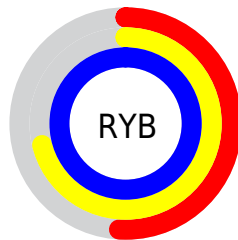
The XYZ color **51.0502, 59.5543, 103.4122** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.0228, 52.3780, 28.0677**, and the grayscale version is **50.5258, 53.1570, 57.8880**.

A 20% lighter version of the original color is **74.7963, 89.5588, 107.9521**, and **24.8741, 29.7961, 57.8663** is the 20% darker color. If you saturate the color by 10%, you get **45.5144, 53.5865, 102.5521**, and if you desaturate by 10%, it is **57.6724, 66.2537, 104.3563**.

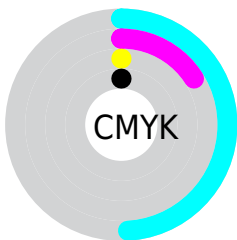
Distribution



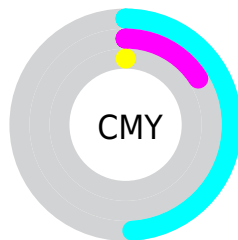
- Red (51%)
- Green (84%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0502, 59.5543, 103.4122 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 51.0502, 59.5543, 103.4122 by changing the saturation by 10% instead.

51.0502, 59.5543,
103.4122

51.0502, 59.5543,
103.4122

381.1432,
422.9530, 592.4178

36.4698, 43.0595,
78.5205

90.9115, 104.1829,
167.9311

24.9690, 29.9318,
57.9827

116.9231,
133.0854, 208.3954

16.1826, 19.7868,
41.3801

147.4758,
166.8926, 254.8878

9.7451, 12.2402,
28.2943

182.9350,
205.9889, 307.8266

5.2913, 6.9075,
18.3067

223.6659,
250.7587, 367.6305

2.4556, 3.4043,
10.9987

270.0341,

0.8729, 1.3463,

301.5864, 434.7179

5.9518

322.4047,
358.8564, 509.5075

■ 0.0000, 0.1766,
2.7475

■ 0.0000, 0.0000,
0.9672

■ 51.0502, 59.5543,
103.4122

■ 51.0502, 59.5543,
103.4122

■ 45.5144, 53.5865,
102.5521

■ 57.6724, 66.2537,
104.3563

■ 40.9851, 48.3027,
101.7710

■ 65.4429, 73.7154,
105.3870

■ 37.3790, 43.6587,
101.0646

■ 74.4250, 81.9757,
106.5080

■ 34.5955, 39.5999,
100.4279

■ 84.6754, 91.0663,
107.7224

■ 32.4870, 36.0473,
99.8533

95.0500, 100.0000,
108.9000

■ 32.2980, 35.7161,
99.7993

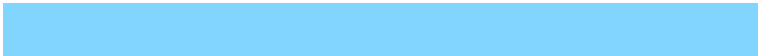
Harmonies

Analogous

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



46.5701, 59.5543, 87.1294



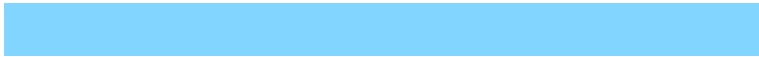
51.0502, 59.5543, 103.4122



57.3481, 59.5543, 108.7454

Triad

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



51.0502, 59.5543, 103.4122



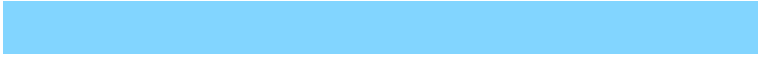
70.3653, 59.5543, 62.7475



49.8627, 59.5543, 38.7869

Complementary

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



51.0502, 59.5543, 103.4122



60.0228, 52.3780, 28.0677

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.



55.8675, 59.5543, 34.7066



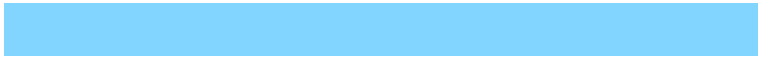
51.0502, 59.5543, 103.4122



67.9859, 59.5543, 46.7257

Square

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



51.0502, 59.5543, 103.4122



68.8258, 59.5543, 82.7341



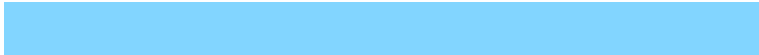
62.5479, 59.5543, 37.3013



45.9232, 59.5543, 49.7396

Rectangle

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



51.0502, 59.5543, 103.4122



61.8222, 59.5543, 104.6596



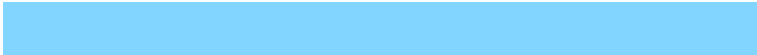
62.5479, 59.5543, 37.3013



51.6891, 59.5543, 36.6752

Sweetspot

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



51.0519, 59.5565, 103.4126



78.3873, 85.5260, 106.9845



52.3817, 79.2322, 51.3967



16.3275, 17.9037, 22.8452



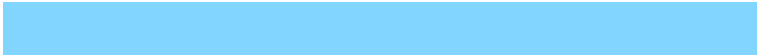
0.0000, 0.0000, 0.0000



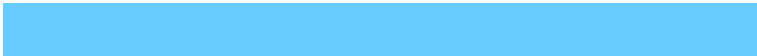
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0519, 59.5565, 103.4126



45.5230, 53.5962, 102.5535



38.2975, 34.0476, 99.1611



18.0106, 19.3929, 23.0439



17.0198, 18.9492, 52.1951



1.7581, 2.0468, 5.1157

Inverse Universe

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



61.2341, 42.0312, 67.8384



57.1990, 35.6530, 61.2773



74.7403, 81.8130, 32.9735



18.5180, 18.1905, 21.3450



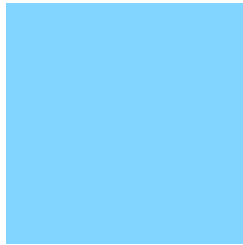
25.3790, 12.6409, 21.1782



2.5220, 1.2512, 2.3302

Previews

White Background



This preview shows how the XYZ color 51.0502, 59.5543, 103.4122 looks on a white background.

Color Contrast Check

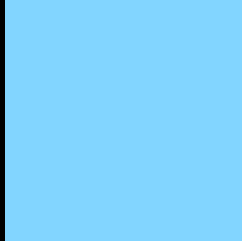
Large Text (above 18pt) WCAG AA × Fail

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 51.0502, 59.5543, 103.4122 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

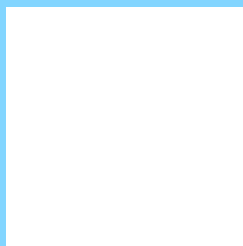
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0502, 59.5543, 103.4122

Background



This preview shows how black text looks on a background with the XYZ color 51.0502, 59.5543, 103.4122.

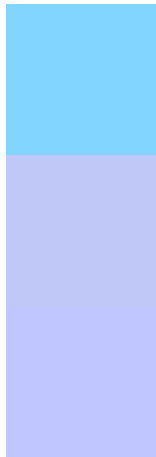


This preview shows how white text looks on a background with the XYZ color 51.0502, 59.5543,

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

51.0502, 59.5543, 103.4122

Protanopia

58.7747, 59.0387, 95.4866

Deuteranopia

59.9823, 58.8146, 102.7987



Tritanopia

47.8325, 59.7772, 86.8590

Trichromacy



Original Color

51.0502, 59.5543, 103.4122

Protanomaly

55.2924, 58.9372, 98.0843

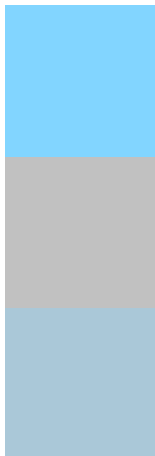
Deuteranomaly

55.7681, 58.3669, 102.9344

Tritanomaly

49.1871, 59.9582, 92.9851

Monochromacy



Original Color

51.0502, 59.5543, 103.4122

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.6265, 54.8125, 72.9300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0502, 59.5543, 103.4122 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(130, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.0502, 59.5543, 103.4122 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(130, 213, 255) }
```


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

```
.border{ border-color:rgb(130, 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(130, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0502, 59.5543, 103.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 213, 255) }
```

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

```
.background{ background-color: rgb(130,  
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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