

Converting Colors

XYZ(50.5197, 56.0417,
102.7622)

Have a look what the booklet for
XYZ(50.5197, 56.0417, 102.7622)
contains.

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Color

**XYZ(50.4581, 55.9812,
102.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCCFE
RGB	140, 204, 255
RGB Percent	55%, 80%, 100%
CMY	0.4510, 0.2000, 0.0000
CMYK	0.45, 0.20, 0.00, 0.00
HSL	207°, 100%, 77%
HSV	207°, 45%, 100%
XYZ	50.4581, 55.9812, 102.7538
YIQ	190.6780, -54.5150, 2.2930

Conversions

Conversions Part 2

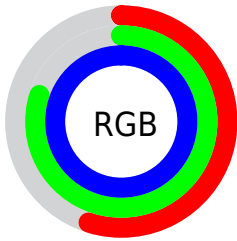
Format	Color
R_{YB}	140, 181, 255
Decimal	9227519
CIE _{Lab}	79.60, -7.23, -31.34
CIE _{LCh}	80, 32.164, 257.017
Y _{xy}	55.9812, 0.2412, 0.2676
Android (android.graphics.Color)	4287417599 (0xFF8CCCFF)
YUV	190.6780, 31.7107, -44.4446
Hunter-Lab	74.8206, -10.5578, -29.0507

Details

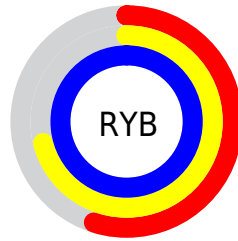
The XYZ color **50.4581, 55.9812, 102.7538** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.6052, 60.4160, 33.0693**, and the grayscale version is **49.1813, 51.7426, 56.3477**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **24.5791, 27.6837, 57.4741** is the 20% darker color. If you saturate the color by 10%, you get **44.0579, 48.8365, 101.7120**, and if you desaturate by 10%, it is **58.0523, 64.0334, 103.9078**.

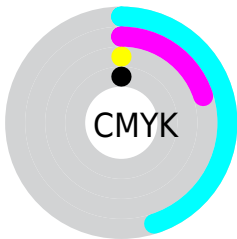
Distribution



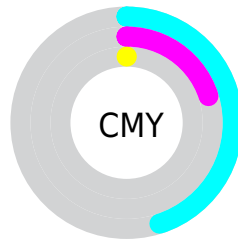
- Red (55%)
- Green (80%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4581, 55.9812, 102.7538 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 50.4581, 55.9812, 102.7538 by changing the saturation by 10% instead.

■ 50.4581, 55.9812,
102.7538

■ 50.4581, 55.9812,
102.7538

378.8771,
409.6206, 590.3079

■ 35.9968, 40.1879,
77.9727

■ 90.0410, 98.9771,
167.0212

■ 24.6018, 27.6850,
57.5352

■ 115.8934,
126.9484, 207.3445

■ 15.9078, 18.0884,
41.0229

146.2734,
159.7479, 253.6857

■ 9.5494, 11.0135,
28.0171

181.5466,
197.7598, 306.4633

■ 5.1612, 6.0759,
18.0994

222.0782,
241.3687, 366.0957

■ 2.3779, 2.8913,
10.8512

268.2336,

■ 0.8341, 1.0752,

290.9588, 433.0016

5.8540

320.3781,
346.9147, 507.5995

■ 0.0000, 0.0000,
2.6891

■ 0.0000, 0.0000,
0.9380

■ 50.4581, 55.9812,
102.7538

■ 50.4581, 55.9812,
102.7538

■ 44.0579, 48.8365,
101.7120

■ 58.0523, 64.0334,
103.9078

■ 38.7729, 42.5492,
100.7770

■ 66.9025, 73.0277,
105.1774

■ 34.5217, 37.0722,
99.9439

■ 77.0722, 83.0036,
106.5669

■ 31.2081, 32.3492,
99.2069

■ 88.6188, 93.9962,
108.0801

■ 28.7143, 28.3130,
98.5593

95.0500, 100.0000,
108.9000

■ 27.7104, 26.5408,
98.2701

Harmonies

Analogous

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



45.1581, 55.9812, 90.9606



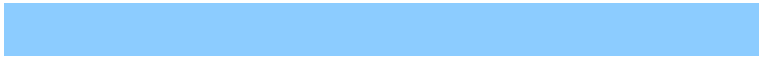
50.4581, 55.9812, 102.7538



56.9385, 55.9812, 101.8359

Triad

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



50.4581, 55.9812, 102.7538



66.0333, 55.9812, 51.0967



44.6045, 55.9812, 39.7196

Complementary

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



50.4581, 55.9812, 102.7538



64.6052, 60.4160, 33.0693

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.



49.6450, 55.9812, 32.8047



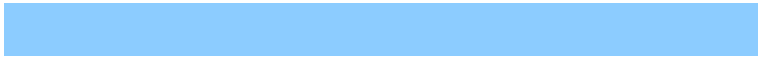
50.4581, 55.9812, 102.7538



62.1629, 55.9812, 38.3998

Square

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



50.4581, 55.9812, 102.7538



66.2958, 55.9812, 69.3271



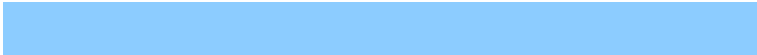
56.0570, 55.9812, 32.3765



41.9679, 55.9812, 53.2838

Rectangle

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



50.4581, 55.9812, 102.7538



61.0674, 55.9812, 94.1140



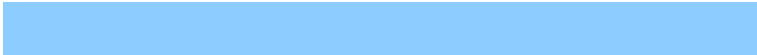
56.0570, 55.9812, 32.3765



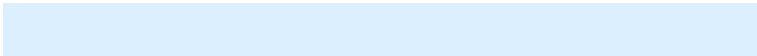
46.0545, 55.9812, 36.6719

Sweetspot

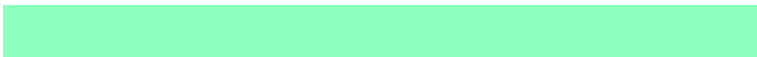
The Sweet Spot groups the original color and five complimentary colors.



50.4597, 55.9832, 102.7541



78.2695, 84.1582, 106.7266



55.8525, 80.8064, 61.2749



16.2518, 17.5293, 22.7769



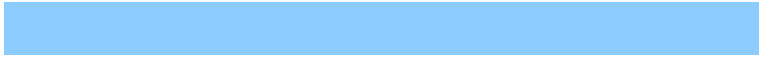
0.0000, 0.0000, 0.0000



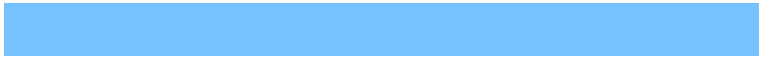
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4597, 55.9832, 102.7541



44.7037, 49.5771, 101.8209



39.4045, 33.8728, 99.0690



17.8415, 19.0545, 22.9875



14.6307, 14.1709, 51.3987



1.5335, 1.5978, 5.0408

Inverse Universe

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



61.5183, 44.3775, 62.4522



57.3665, 37.9447, 55.3008



79.3369, 89.8794, 37.9799



18.4326, 18.1564, 20.8953



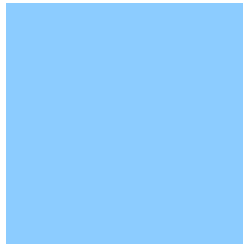
24.1731, 12.1585, 14.8278



2.4087, 1.2058, 1.7334

Previews

White Background



This preview shows how the XYZ color 50.4581, 55.9812, 102.7538 looks on a white background.

Color Contrast Check

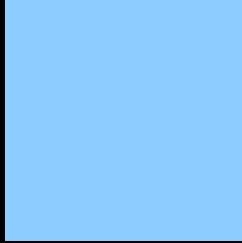
Large Text (above 18pt) WCAG AA × Fail

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 50.4581, 55.9812, 102.7538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

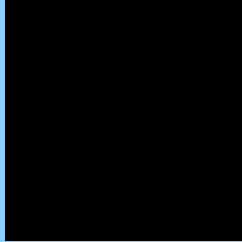
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

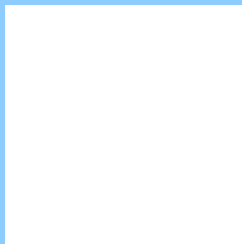
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4581, 55.9812, 102.7538

Background



This preview shows how black text looks on a background with the XYZ color 50.4581, 55.9812, 102.7538.



This preview shows how white text looks on a background with the XYZ color 50.4581, 55.9812,

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

50.4581, 55.9812, 102.7538

Protanopia

55.7635, 55.4282, 96.5666

Deuteranopia

56.6484, 55.4272, 102.3206



Tritanopia

46.0437, 55.9974, 80.3333

Trichromacy



Original Color

50.4581, 55.9812, 102.7538

Protanomaly

53.5430, 55.5687, 99.1706

Deuteranomaly

53.9526, 55.3680, 102.4512

Tritanomaly

47.5906, 55.8910, 88.4005

Monochromacy



Original Color

50.4581, 55.9812, 102.7538

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8908, 53.1056, 71.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4581, 55.9812, 102.7538 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, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 204, 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, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.4581, 55.9812, 102.7538 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, 204, 255) }
```


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

```
.border{ border-color:rgb(140, 204, 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, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4581, 55.9812, 102.7538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 204, 255) }
```

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

```
.background{ background-color: rgb(140,  
204, 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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