

Converting Colors

XYZ(50.9075, 55.8612,
102.7069)

Have a look what the booklet for
XYZ(50.9075, 55.8612, 102.7069)
contains.

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Color

**XYZ(50.9075, 55.8612,
102.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	90CBFF
RGB	144, 203, 255
RGB Percent	56%, 80%, 100%
CMY	0.4353, 0.2039, 0.0000
CMYK	0.44, 0.20, 0.00, 0.00
HSL	208°, 100%, 78%
HSV	208°, 44%, 100%
XYZ	50.9075, 55.8612, 102.7069
YIQ	191.2870, -51.8560, 3.6640

Conversions

Conversions Part 2

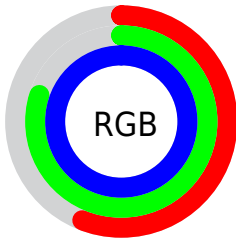
Format	Color
RYB	144, 183, 255
Decimal	9489407
CIELab	79.53, -5.73, -31.43
CIELCh	80, 31.948, 259.662
Yxy	55.8612, 0.2430, 0.2667
Android (android.graphics.Color)	4287679487 (0xFF90CBFF)
YUV	191.2870, 31.4105, -41.4707
Hunter-Lab	74.7404, -9.2149, -29.1570

Details

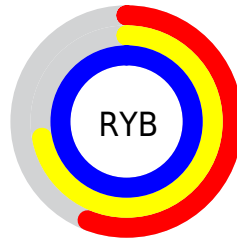
The XYZ color **50.9075, 55.8612, 102.7069** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.0145, 62.7541, 35.0208**, and the grayscale version is **49.5342, 52.1138, 56.7520**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **24.8710, 27.5983, 57.4423** is the 20% darker color. If you saturate the color by 10%, you get **44.2333, 48.3938, 101.6173**, and if you desaturate by 10%, it is **58.8081, 64.2859, 103.9166**.

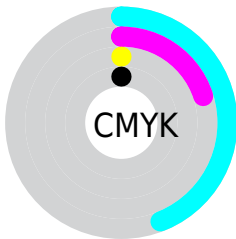
Distribution



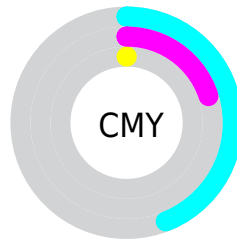
- Red (56%)
- Green (80%)
- Blue (100%)



- Red (56%)
- Yellow (72%)
- Blue (100%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9075, 55.8612, 102.7069 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 50.9075, 55.8612, 102.7069 by changing the saturation by 10% instead.

■ 50.9075, 55.8612,
102.7069

■ 50.9075, 55.8612,
102.7069

380.5979,
409.1682, 590.1575

■ 36.3557, 40.0917,
77.9337

■ 90.7018, 98.8016,
166.9564

■ 24.8804, 27.6100,
57.5034

■ 116.6751,
126.7413, 207.2697

■ 16.1163, 18.0319,
40.9975

147.1863,
159.5064, 253.6001

■ 9.6978, 10.9729,
27.9974

182.6007,
197.4814, 306.3661

■ 5.2598, 6.0486,
18.0847

223.2837,
241.0507, 365.9863

■ 2.4368, 2.8747,
10.8407

269.6007,

■ 0.8635, 1.0666,

290.5987, 432.8792

5.8470

321.9169,
346.5097, 507.4635

■ 0.0000, 0.0000,
2.6850

■ 0.0000, 0.0000,
0.9359

■ 50.9075, 55.8612,
102.7069

■ 50.9075, 55.8612,
102.7069

■ 44.2333, 48.3938,
101.6173

■ 58.8081, 64.2859,
103.9166

■ 38.7073, 41.8326,
100.6422

■ 67.9972, 73.7033,
105.2501

■ 34.2487, 36.1297,
99.7764

■ 78.5379, 84.1541,
106.7117

■ 30.7632, 31.2287,
99.0141

■ 90.4880, 95.6744,
108.3055

■ 28.1363, 27.0624,
98.3484

95.0500, 100.0000,
108.9000

■ 26.7900, 24.7001,
97.9633

Harmonies

Analogous

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



45.4902, 55.8612, 91.9856



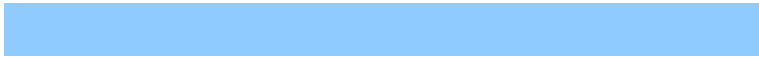
50.9075, 55.8612, 102.7069



57.3620, 55.8612, 100.6098

Triad

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



50.9075, 55.8612, 102.7069



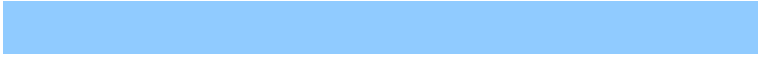
65.6026, 55.8612, 49.6751



44.2208, 55.8612, 40.6702

Complementary

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



50.9075, 55.8612, 102.7069



66.0145, 62.7541, 35.0208

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.



49.0439, 55.8612, 33.2118



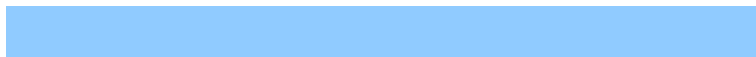
50.9075, 55.8612, 102.7069



61.5020, 55.8612, 37.6380

Square

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



50.9075, 55.8612, 102.7069



66.2031, 55.8612, 67.3981



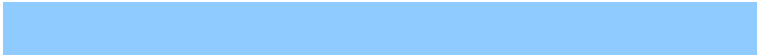
55.3430, 55.8612, 32.2269



41.8414, 55.8612, 54.6907

Rectangle

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



50.9075, 55.8612, 102.7069



61.3789, 55.8612, 92.3394



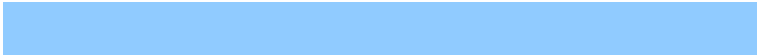
55.3430, 55.8612, 32.2269



45.5910, 55.8612, 37.4436

Sweetspot

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



50.9092, 55.8632, 102.7072



79.1328, 84.7349, 106.7925



57.2037, 81.4262, 64.8086



16.4107, 17.6209, 22.7862



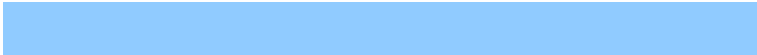
0.0000, 0.0000, 0.0000



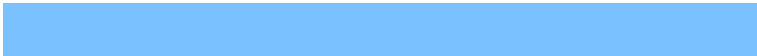
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9092, 55.8632, 102.7072



45.1769, 49.4749, 101.7763



40.0960, 34.2369, 99.1028



17.8025, 18.9765, 22.9745



14.1493, 13.2082, 51.2383



1.4871, 1.5049, 5.0254

Inverse Universe

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



61.9939, 45.5199, 62.0209



57.8613, 39.1225, 54.8853



80.8654, 92.4558, 39.9711



18.4129, 18.1485, 20.7917



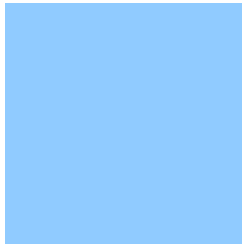
23.9301, 12.0613, 13.5484



2.3852, 1.1965, 1.6100

Previews

White Background



This preview shows how the XYZ color 50.9075, 55.8612, 102.7069 looks on a white background.

Color Contrast Check

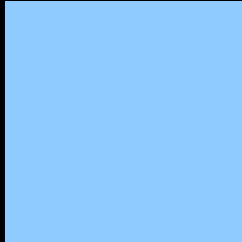
Large Text (above 18pt) WCAG AA × Fail

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 50.9075, 55.8612, 102.7069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

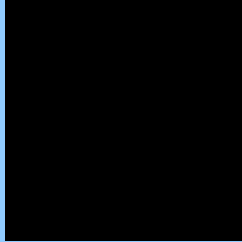
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

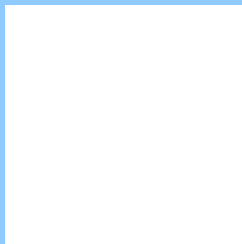
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9075, 55.8612, 102.7069

Background



This preview shows how black text looks on a background with the XYZ color 50.9075, 55.8612, 102.7069.



This preview shows how white text looks on a background with the XYZ color 50.9075, 55.8612,

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

50.9075, 55.8612, 102.7069

Protanopia

55.9191, 55.4904, 97.3860

Deuteranopia

56.6484, 55.4272, 102.3206



Tritanopia

46.2998, 55.7822, 79.5610

Trichromacy



Original Color

50.9075, 55.8612, 102.7069

Protanomaly

53.7410, 55.3326, 99.1146

Deuteranomaly

54.3784, 55.5875, 102.4712

Tritanomaly

47.8591, 55.6877, 87.5832

Monochromacy



Original Color

50.9075, 55.8612, 102.7069

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1083, 52.8839, 71.2377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9075, 55.8612, 102.7069 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(144, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 203, 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(144, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.9075, 55.8612, 102.7069 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(144, 203, 255) }
```


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

```
.border{ border-color:rgb(144, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 203, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 203, 255); box-shadow:4px 4px 4px 4px rgb(144, 203, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9075, 55.8612, 102.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 203, 255) }
```

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

```
.background{ background-color: rgb(144,  
203, 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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