

Converting Colors

XYZ(52.0992, 58.2057,
103.2872)

Have a look what the booklet for
XYZ(52.0992, 58.2057, 103.2872)
contains.

XYZ(52.1075, 58.2610, 103.1069)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1075, 58.2610,
103.1069)**

Conversions

Conversions Part 1

Format	Color
Hex	90D0FF
RGB	144, 208, 255
RGB Percent	56%, 82%, 100%
CMY	0.4353, 0.1843, 0.0000
CMYK	0.44, 0.18, 0.00, 0.00
HSL	205°, 100%, 78%
HSV	205°, 44%, 100%
XYZ	52.1075, 58.2610, 103.1069
YIQ	194.2220, -53.2310, 1.0490

Conversions

Conversions Part 2

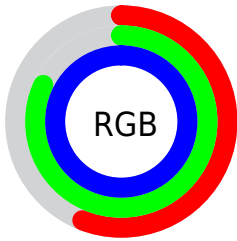
Format	Color
RYB	144, 185, 255
Decimal	9490687
CIELab	80.88, -8.38, -29.36
CIELCh	81, 30.531, 254.066
Yxy	58.2610, 0.2441, 0.2729
Android (android.graphics.Color)	4287680767 (0xFF90D0FF)
YUV	194.2220, 29.9636, -44.0447
Hunter-Lab	76.3289, -11.7188, -26.6601

Details

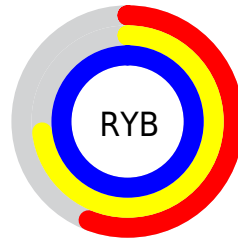
The XYZ color **52.1075, 58.2610, 103.1069** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9057, 60.5362, 34.6514**, and the grayscale version is **51.2619, 53.9315, 58.7314**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **25.6791, 29.2147, 57.7116** is the 20% darker color. If you saturate the color by 10%, you get **45.6031, 51.1333, 102.0739**, and if you desaturate by 10%, it is **59.8003, 66.2699, 104.2473**.

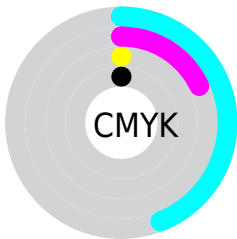
Distribution



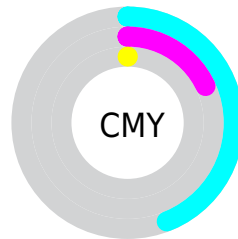
- Red (56%)
- Green (82%)
- Blue (100%)



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



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1075, 58.2610, 103.1069 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 52.1075, 58.2610, 103.1069 by changing the saturation by 10% instead.

■ 52.1075, 58.2610,
103.1069

■ 52.1075, 58.2610,
103.1069

385.1686,
418.1578, 591.4400

■ 37.3154, 42.0185,
78.2665

■ 92.4630, 102.3028,
167.5093

■ 25.6266, 29.1158,
57.7752

■ 118.7572,
130.8710, 207.9083

■ 16.6757, 19.1684,
41.2144

149.6161,
164.3165, 254.3305

■ 10.0974, 11.7920,
28.1657

185.4050,
203.0237, 307.1946

■ 5.5264, 6.6022,
18.2105

226.4894,
247.3770, 366.9191

■ 2.5972, 3.2146,
10.9302

273.2345,

■ 0.9445, 1.2448,

297.7609, 433.9224

5.9063

326.0058,
354.5597, 508.6232

■ 0.0000, 0.0978,
2.7203

■ 0.0000, 0.0000,
0.9536

■ 52.1075, 58.2610,
103.1069

■ 52.1075, 58.2610,
103.1069

■ 45.6031, 51.1333,
102.0739

■ 59.8003, 66.2699,
104.2473

■ 40.2100, 44.8379,
101.1430

■ 68.7419, 75.1926,
105.4983

■ 35.8489, 39.3300,
100.3098

■ 78.9947, 85.0673,
106.8639

■ 32.4269, 34.5560,
99.5686

■ 90.6149, 95.9279,
108.3478

■ 29.8310, 30.4518,
98.9133

95.0500, 100.0000,
108.9000

■ 28.4883, 28.0966,
98.5294

Harmonies

Analogous

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



47.0987, 58.2610, 90.8338



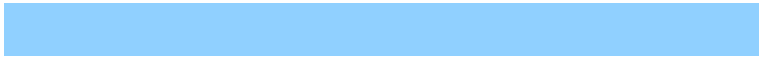
52.1075, 58.2610, 103.1069



58.3800, 58.2610, 103.5131

Triad

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



52.1075, 58.2610, 103.1069



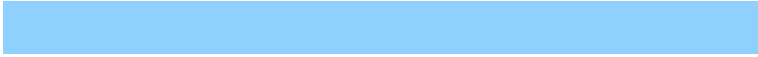
68.0120, 58.2610, 55.3524



47.3505, 58.2610, 41.5814

Complementary

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



52.1075, 58.2610, 103.1069



64.9057, 60.5362, 34.6514

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.



52.4756, 58.2610, 35.3239



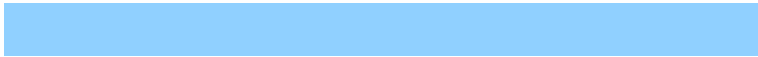
52.1075, 58.2610, 103.1069



64.5689, 58.2610, 42.1894

Square

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



52.1075, 58.2610, 103.1069



67.8946, 58.2610, 73.4727



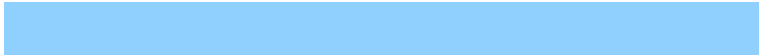
58.7770, 58.2610, 35.5229



44.4982, 58.2610, 54.3583

Rectangle

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



52.1075, 58.2610, 103.1069



62.4611, 58.2610, 96.8342



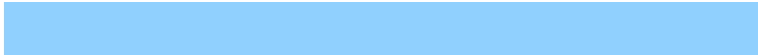
58.7770, 58.2610, 35.5229



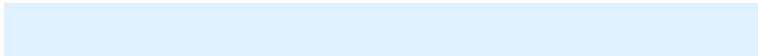
48.8468, 58.2610, 38.7642

Sweetspot

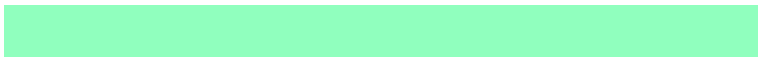
The Sweet Spot groups the original color and five complimentary colors.



52.1092, 58.2631, 103.1072



79.5729, 85.6151, 106.9392



56.5845, 81.1785, 61.5471



16.5193, 17.8383, 22.8224



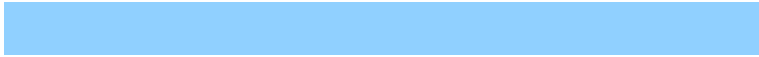
0.0000, 0.0000, 0.0000



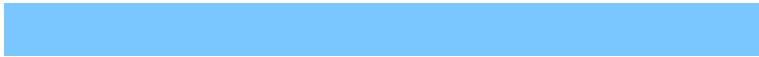
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1092, 58.2631, 103.1072



46.5230, 52.1671, 102.2250



40.9855, 36.0157, 99.3993



17.8728, 19.1173, 22.9980



15.0369, 14.9833, 51.5341



1.5724, 1.6754, 5.0538

Inverse Universe

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



62.5996, 45.7623, 65.2103



58.5408, 39.3943, 58.4632



79.1544, 89.0336, 39.4010



18.4485, 18.1627, 20.9787



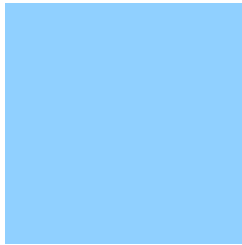
24.3781, 12.2405, 15.9074



2.4283, 1.2137, 1.8366

Previews

White Background



This preview shows how the XYZ color 52.1075, 58.2610, 103.1069 looks on a white background.

Color Contrast Check

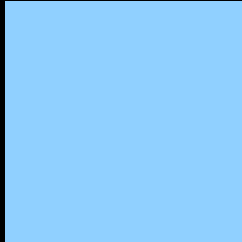
Large Text (above 18pt) WCAG AA × Fail

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 52.1075, 58.2610, 103.1069 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

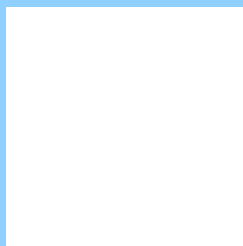
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1075, 58.2610, 103.1069

Background



This preview shows how black text looks on a background with the XYZ color 52.1075, 58.2610, 103.1069.



This preview shows how white text looks on a background with the XYZ color 52.1075, 58.2610,

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

52.1075, 58.2610, 103.1069

Protanopia

57.8764, 57.8568, 96.9240

Deuteranopia

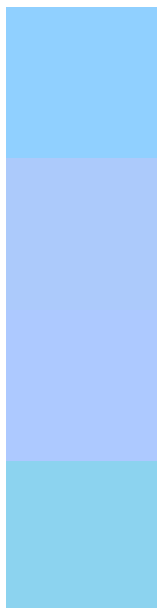
59.2515, 58.0997, 102.6992



Tritanopia

48.1429, 58.1185, 83.5435

Trichromacy



Original Color

52.1075, 58.2610, 103.1069

Protanomaly

55.5464, 57.9768, 99.5298

Deuteranomaly

56.1702, 57.8775, 102.8187

Tritanomaly

49.6895, 58.3960, 90.3140

Monochromacy



Original Color

52.1075, 58.2610, 103.1069

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7226, 55.0348, 72.9152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1075, 58.2610, 103.1069 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 208, 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, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.1075, 58.2610, 103.1069 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, 208, 255) }
```


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

```
.border{ border-color:rgb(144, 208, 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, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1075, 58.2610, 103.1069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 208, 255) }
```

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

```
.background{ background-color: rgb(144,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor