

Converting Colors

XYZ(52.4159, 58.9883,
103.0526)

Have a look what the booklet for
XYZ(52.4159, 58.9883, 103.0526)
contains.

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Color

**XYZ(52.5982, 59.2425,
103.2705)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 90D2FF |
| RGB | 144, 210, 255 |
| RGB Percent | 56%, 82%, 100% |
| CMY | 0.4353, 0.1765, 0.0000 |
| CMYK | 0.44, 0.18, 0.00, 0.00 |
| HSL | 204°, 100%, 78% |
| HSV | 204°, 44%, 100% |
| XYZ | 52.5982, 59.2425, 103.2705 |
| YIQ | 195.3960, -53.7810, 0.0030 |

Conversions

Conversions Part 2

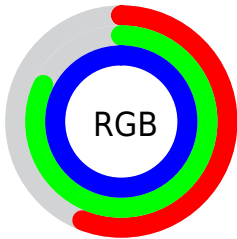
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 185, 255 |
| Decimal | 9491199 |
| CIELab | 81.42, -9.43, -28.53 |
| CIELCh | 81, 30.048, 251.704 |
| Yxy | 59.2425, 0.2445, 0.2754 |
| Android (android.graphics.Color) | 4287681279 (0xFF90D2FF) |
| YUV | 195.3960, 29.3848, -45.0743 |
| Hunter-Lab | 76.9691, -12.7149, -25.6718 |

Details

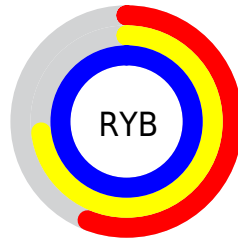
The XYZ color **52.5982, 59.2425, 103.2705** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.4723, 59.6695, 34.5068**, and the grayscale version is **51.9626, 54.6687, 59.5342**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **26.0120, 29.8804, 57.8226** is the 20% darker color. If you saturate the color by 10%, you get **46.1670, 52.2610, 102.2619**, and if you desaturate by 10%, it is **60.2035, 67.0766, 104.3817**.

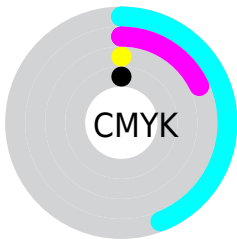
Distribution



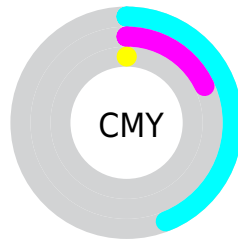
- Red (56%)
- Green (82%)
- Blue (100%)



- 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 52.5982, 59.2425, 103.2705 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 52.5982, 59.2425, 103.2705 by changing the saturation by 10% instead.

■ 52.5982, 59.2425,
103.2705

■ 52.5982, 59.2425,
103.2705

387.0278,
421.8000, 591.9641

■ 37.7083, 42.8084,
78.4026

■ 93.1819, 103.7300,
167.7353

■ 25.9326, 29.7348,
57.8864

■ 119.6064,
132.5522, 208.1694

■ 16.9056, 19.6374,
41.3032

150.6064,
166.2725, 254.6292

■ 10.2621, 12.1317,
28.2346

186.5474,
205.2754, 307.5333

■ 5.6367, 6.8335,
18.2620

227.7947,
249.9452, 367.3003

■ 2.6640, 3.3582,
10.9669

274.7136,

■ 0.9787, 1.3215,

300.6663, 434.3488

5.9307

327.6695,
357.8231, 509.0972

■ 0.0000, 0.1577,
2.7349

■ 0.0000, 0.0000,
0.9609

■ 52.5982, 59.2425,
103.2705

■ 52.5982, 59.2425,
103.2705

■ 46.1670, 52.2610,
102.2619

■ 60.2035, 67.0766,
104.3817

■ 40.8331, 46.0841,
101.3507

■ 69.0429, 75.7948,
105.5986

■ 36.5178, 40.6678,
100.5327

■ 79.1783, 85.4346,
106.9251

■ 33.1287, 35.9596,
99.8026

■ 90.6654, 96.0291,
108.3646

■ 30.5533, 31.8964,
99.1540

95.0500, 100.0000,
108.9000

■ 29.2175, 29.5550,
98.7725

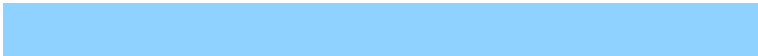
Harmonies

Analogous

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



47.7574, 59.2425, 90.3846



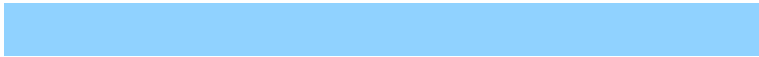
52.5982, 59.2425, 103.2705



58.7959, 59.2425, 104.6870

Triad

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



52.5982, 59.2425, 103.2705



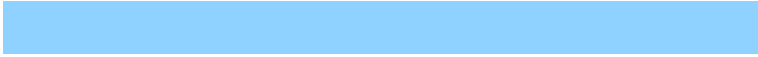
68.9930, 59.2425, 57.7347



48.6435, 59.2425, 41.9580

Complementary

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



52.5982, 59.2425, 103.2705



64.4723, 59.6695, 34.5068

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.



53.8917, 59.2425, 36.1985



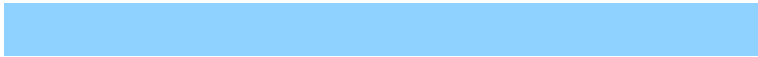
52.5982, 59.2425, 103.2705



65.8233, 59.2425, 44.1070

Square

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



52.5982, 59.2425, 103.2705



68.5818, 59.2425, 75.9942



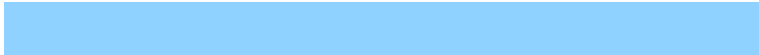
60.1887, 59.2425, 36.9041



45.5940, 59.2425, 54.2364

Rectangle

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



52.5982, 59.2425, 103.2705



62.9023, 59.2425, 98.6663



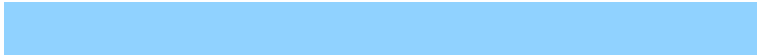
60.1887, 59.2425, 36.9041



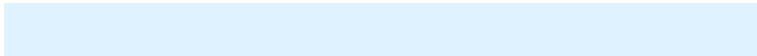
50.1919, 59.2425, 39.3083

Sweetspot

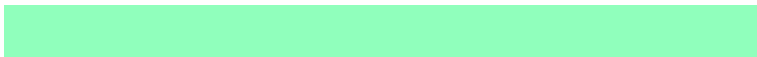
The Sweet Spot groups the original color and five complimentary colors.



52.5999, 59.2447, 103.2708



79.7500, 85.9693, 106.9982



56.3831, 81.0980, 60.4868



16.5631, 17.9258, 22.8370



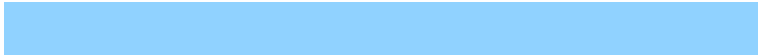
0.0000, 0.0000, 0.0000



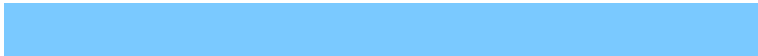
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5999, 59.2447, 103.2708



47.0766, 53.2745, 102.4095



41.2912, 36.6272, 99.5012



17.9011, 19.1738, 23.0074



15.4172, 15.7439, 51.6609



1.6084, 1.7476, 5.0658

Inverse Universe

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



62.8473, 45.8613, 66.5148



58.8202, 39.5061, 59.9349



78.5952, 87.9153, 39.2144



18.4627, 18.1684, 21.0539



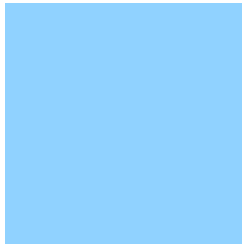
24.5701, 12.3173, 16.9183



2.4465, 1.2210, 1.9325

Previews

White Background



This preview shows how the XYZ color 52.5982, 59.2425, 103.2705 looks on a white background.

Color Contrast Check

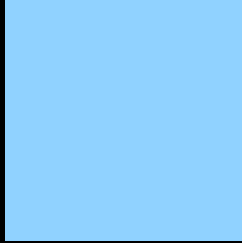
Large Text (above 18pt) WCAG AA × Fail

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 52.5982, 59.2425, 103.2705 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 52.5982, 59.2425, 103.2705

Background



This preview shows how black text looks on a background with the XYZ color 52.5982, 59.2425, 103.2705.

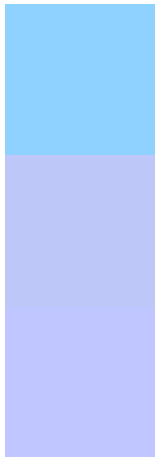


This preview shows how white text looks on a background with the XYZ color 52.5982, 59.2425,

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

52.5982, 59.2425, 103.2705

Protanopia

58.8328, 59.0330, 97.1006

Deuteranopia

59.9823, 58.8146, 102.7987



Tritanopia

48.7869, 59.1810, 84.4530

Trichromacy



Original Color

52.5982, 59.2425, 103.2705

Protanomaly

56.2390, 59.0350, 99.6976

Deuteranomaly

56.8497, 58.5750, 102.9175

Tritanomaly

50.3376, 59.4552, 91.2610

Monochromacy



Original Color

52.5982, 59.2425, 103.2705

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.0832, 55.5484, 73.6752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5982, 59.2425, 103.2705 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 210, 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, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5982, 59.2425, 103.2705 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, 210, 255) }
```


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

```
.border{ border-color:rgb(144, 210, 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, 210, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5982, 59.2425, 103.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 210, 255) }
```

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

```
.background{ background-color: rgb(144,  
210, 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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