

Converting Colors

XYZ(52.5275, 58.8407,
103.1966)

Have a look what the booklet for
XYZ(52.5275, 58.8407, 103.1966)
contains.

XYZ(52.5275, 58.8407, 103.1966)	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(52.5275, 58.8407,
103.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	91D1FF
RGB	145, 209, 255
RGB Percent	57%, 82%, 100%
CMY	0.4314, 0.1804, 0.0000
CMYK	0.43, 0.18, 0.00, 0.00
HSL	205°, 100%, 78%
HSV	205°, 43%, 100%
XYZ	52.5275, 58.8407, 103.1966
YIQ	195.1080, -52.9100, 0.7380

Conversions

Conversions Part 2

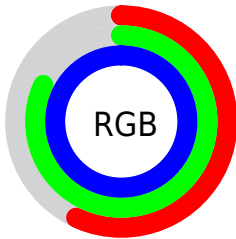
Format	Color
RYB	145, 185, 255
Decimal	9556479
CIELab	81.20, -8.67, -28.86
CIELCh	81, 30.136, 253.288
Yxy	58.8407, 0.2448, 0.2742
Android (android.graphics.Color)	4287746559 (0xFF91D1FF)
YUV	195.1080, 29.5268, -43.9447
Hunter-Lab	76.7077, -12.0061, -26.0688

Details

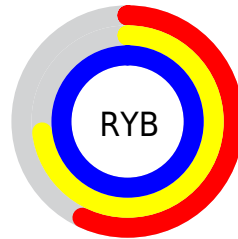
The XYZ color **52.5275, 58.8407, 103.1966** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9822, 60.5666, 35.0555**, and the grayscale version is **51.7899, 54.4870, 59.3363**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **25.9389, 29.5946, 57.7713** is the 20% darker color. If you saturate the color by 10%, you get **45.9992, 51.7217, 102.1666**, and if you desaturate by 10%, it is **60.2427, 66.8341, 104.3329**.

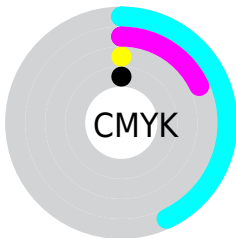
Distribution



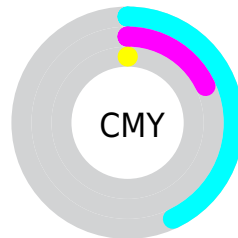
- Red (57%)
- Green (82%)
- Blue (100%)



- Red (57%)
- Yellow (73%)
- Blue (100%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5275, 58.8407, 103.1966 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 52.5275, 58.8407, 103.1966 by changing the saturation by 10% instead.

■ 52.5275, 58.8407,
103.1966

■ 52.5275, 58.8407,
103.1966

386.7603,
420.3113, 591.7274

■ 37.6517, 42.4849,
78.3411

■ 93.0784, 103.1461,
167.6332

■ 25.8884, 29.4812,
57.8361

■ 119.4841,
131.8645, 208.0514

■ 16.8724, 19.4451,
41.2631

150.4638,
165.4725, 254.4943

■ 10.2383, 11.9923,
28.2035

186.3830,
204.3546, 307.3803

■ 5.6207, 6.7385,
18.2387

227.6068,
248.8951, 367.1281

■ 2.6543, 3.2991,
10.9503

274.5008,

■ 0.9737, 1.2898,

299.4785, 434.1562

5.9197

327.4301,
356.4891, 508.8831

■ 0.0000, 0.1333,
2.7283

■ 0.0000, 0.0000,
0.9576

■ 52.5275, 58.8407,
103.1966

■ 52.5275, 58.8407,
103.1966

■ 45.9992, 51.7217,
102.1666

■ 60.2427, 66.8341,
104.3329

■ 40.5809, 45.4285,
101.2375

■ 69.2049, 75.7339,
105.5784

■ 36.1941, 39.9169,
100.4048

■ 79.4760, 85.5782,
106.9371

■ 32.7465, 35.1338,
99.6633

■ 91.1121, 96.4003,
108.4127

■ 30.1264, 31.0160,
99.0066

95.0500, 100.0000,
108.9000

■ 28.6976, 28.5153,
98.5992

Harmonies

Analogous

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



47.5940, 58.8407, 90.8067



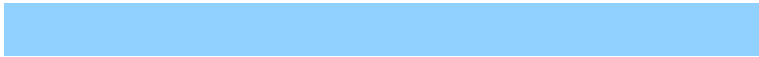
52.5275, 58.8407, 103.1966



58.7462, 58.8407, 103.9326

Triad

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



52.5275, 58.8407, 103.1966



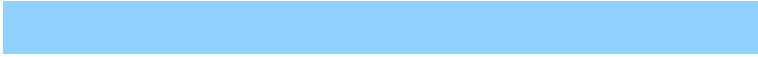
68.5122, 58.8407, 56.4474



48.0532, 58.8407, 42.0594

Complementary

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



52.5275, 58.8407, 103.1966



64.9822, 60.5666, 35.0555

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.



53.1981, 58.8407, 35.9749



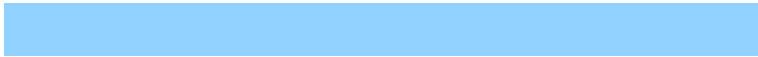
52.5275, 58.8407, 103.1966



65.1784, 58.8407, 43.1718

Square

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



52.5275, 58.8407, 103.1966



68.2988, 58.8407, 74.5283



59.4687, 58.8407, 36.3398



45.1463, 58.8407, 54.6344

Rectangle

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



52.5275, 58.8407, 103.1966



62.8146, 58.8407, 97.5176



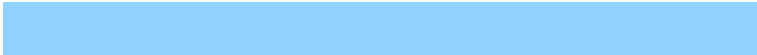
59.4687, 58.8407, 36.3398



49.5610, 58.8407, 39.3024

Sweetspot

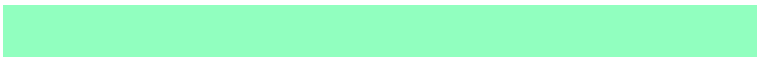
The Sweet Spot groups the original color and five complimentary colors.



52.5292, 58.8429, 103.1970



79.6244, 85.7181, 106.9563



56.8238, 81.2945, 61.8922



16.5321, 17.8637, 22.8267



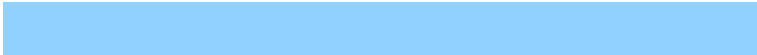
0.0000, 0.0000, 0.0000



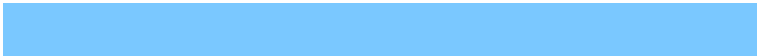
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5292, 58.8429, 103.1970



46.6833, 52.4877, 102.2784



41.3117, 36.4078, 99.4578



17.8811, 19.1337, 23.0007



15.1461, 15.2017, 51.5705



1.5827, 1.6962, 5.0572

Inverse Universe

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



62.8752, 46.1159, 65.9113



58.6217, 39.4267, 58.8893



79.2564, 89.1149, 39.8136



18.4526, 18.1644, 21.0006



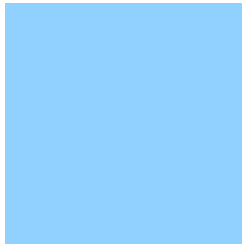
24.4332, 12.2626, 16.1977



2.4335, 1.2158, 1.8642

Previews

White Background



This preview shows how the XYZ color 52.5275, 58.8407, 103.1966 looks on a white background.

Color Contrast Check

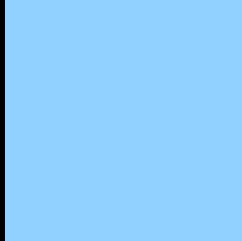
Large Text (above 18pt) WCAG AA × Fail

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 52.5275, 58.8407, 103.1966 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

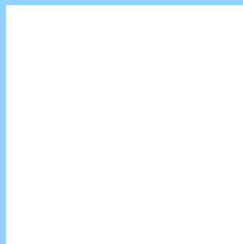
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5275, 58.8407, 103.1966

Background



This preview shows how black text looks on a background with the XYZ color 52.5275, 58.8407, 103.1966.



This preview shows how white text looks on a background with the XYZ color 52.5275, 58.8407,

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

52.5275, 58.8407, 103.1966

Protanopia

58.3530, 58.4430, 97.0120

Deuteranopia

59.5021, 58.2289, 102.7109



Tritanopia

48.5584, 58.7049, 83.6348

Trichromacy



Original Color

52.5275, 58.8407, 103.1966

Protanomaly

56.0021, 58.5611, 99.6186

Deuteranomaly

56.3922, 57.9920, 102.8291

Tritanomaly

50.1080, 58.9817, 90.4050

Monochromacy



Original Color

52.5275, 58.8407, 103.1966

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.3101, 55.6654, 73.6858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5275, 58.8407, 103.1966 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(145, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 209, 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(145, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5275, 58.8407, 103.1966 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(145, 209, 255) }
```


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

```
.border{ border-color:rgb(145, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5275, 58.8407, 103.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 209, 255) }
```

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

```
.background{ background-color: rgb(145,  
209, 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