

Converting Colors

XYZ(57.5628, 56.6414,
144.4775)

Have a look what the booklet for
XYZ(57.5628, 56.6414, 144.4775)
contains.

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Color

**XYZ(49.5718, 53.4478,
102.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC6FF
RGB	143, 198, 255
RGB Percent	56%, 78%, 100%
CMY	0.4392, 0.2235, 0.0000
CMYK	0.44, 0.22, 0.00, 0.00
HSL	211°, 100%, 78%
HSV	211°, 44%, 100%
XYZ	49.5718, 53.4478, 102.3115
YIQ	188.0530, -51.0770, 6.0670

Conversions

Conversions Part 2

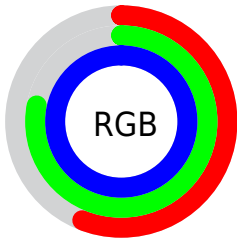
Format	Color
R _Y B	143, 180, 255
Decimal	9422591
CIE Lab	78.14, -3.30, -33.58
CIE LCh	78, 33.746, 264.391
Yxy	53.4478, 0.2414, 0.2603
Android (android.graphics.Color)	4287612671 (0xFF8FC6FF)
YUV	188.0530, 33.0049, -39.5115
Hunter-Lab	73.1080, -6.9048, -31.7982

Details

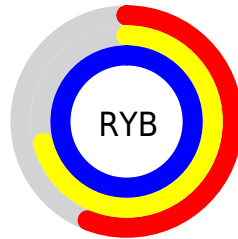
The XYZ color **49.5718, 53.4478, 102.3115** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.8531, 64.5528, 34.9251**, and the grayscale version is **47.6708, 50.1534, 54.6171**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **24.0041, 26.0022, 57.1799** is the 20% darker color. If you saturate the color by 10%, you get **42.8085, 45.7457, 101.1813**, and if you desaturate by 10%, it is **57.5957, 62.1794, 103.5739**.

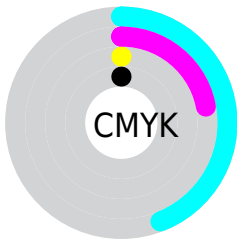
Distribution



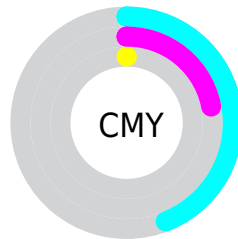
- Red (56%)
- Green (78%)
- Blue (100%)



- Red (56%)
- Yellow (71%)
- Blue (100%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5718, 53.4478, 102.3115 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 49.5718, 53.4478, 102.3115 by changing the saturation by 10% instead.

■ 49.5718, 53.4478,
102.3115

■ 49.5718, 53.4478,
102.3115

375.4688,
400.0008, 588.8883

■ 35.2897, 38.1604,
77.6048

■ 88.7357, 95.2630,
166.4096

■ 24.0537, 26.1072,
57.2348

■ 114.3483,
122.5595, 206.6381

■ 15.4984, 16.9038,
40.7832

144.4683,
154.6279, 252.8775

■ 9.2585, 10.1660,
27.8313

179.4612,
191.8524, 305.5464

■ 4.9686, 5.5091,
17.9606

219.6924,
234.6176, 365.0634

■ 2.2634, 2.5490,
10.7525

265.5271,

■ 0.7759, 0.9011,

283.3078, 431.8471

5.7886

317.3308,
338.3074, 506.3158

■ 0.0000, 0.0000,
2.6503

■ 0.0000, 0.0000,
0.9182

■ 49.5718, 53.4478,
102.3115

■ 49.5718, 53.4478,
102.3115

■ 42.8085, 45.7457,
101.1813

■ 57.5957, 62.1794,
103.5739

■ 37.2258, 39.0189,
100.1771

■ 66.9439, 71.9789,
104.9727

■ 32.7412, 33.2164,
99.2935

■ 77.6813, 82.8898,
106.5128

■ 29.2579, 28.2780,
98.5239

■ 89.8667, 94.9508,
108.1986

■ 26.6587, 24.1325,
97.8607

95.0500, 100.0000,
108.9000

■ 25.4121, 21.9441,
97.5040

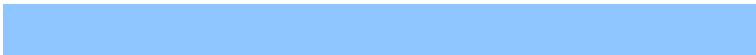
Harmonies

Analogous

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



43.7723, 53.4478, 92.9768



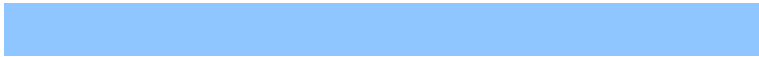
49.5718, 53.4478, 102.3115



56.2165, 53.4478, 97.9101

Triad

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



49.5718, 53.4478, 102.3115



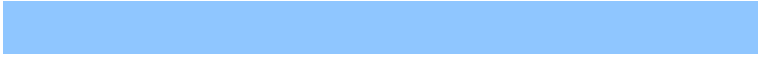
63.2403, 53.4478, 44.4556



41.1770, 53.4478, 39.5158

Complementary

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



49.5718, 53.4478, 102.3115



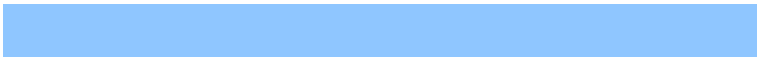
66.8531, 64.5528, 34.9251

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.



45.7441, 53.4478, 31.0011



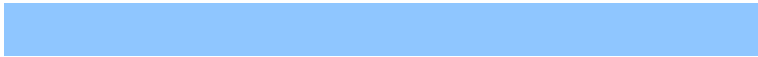
49.5718, 53.4478, 102.3115



58.5434, 53.4478, 33.3914

Square

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



49.5718, 53.4478, 102.3115



64.4873, 53.4478, 61.8159



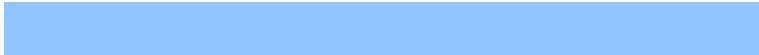
52.0494, 53.4478, 29.0297



39.2018, 53.4478, 54.7194

Rectangle

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



49.5718, 53.4478, 102.3115



60.1929, 53.4478, 88.1788



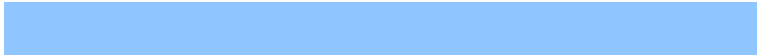
52.0494, 53.4478, 29.0297



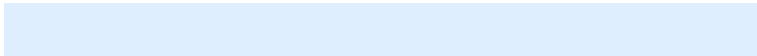
42.4398, 53.4478, 35.9198

Sweetspot

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



49.5734, 53.4497, 102.3118



78.7404, 83.9502, 106.6617



57.3977, 81.4837, 66.7372



16.3139, 17.4275, 22.7540



0.0000, 0.0000, 0.0000



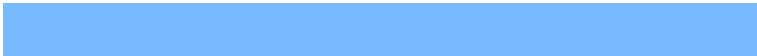
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5734, 53.4497, 102.3118



43.3800, 46.4125, 101.2799



39.2018, 32.7066, 98.8546



17.7396, 18.8508, 22.9535



13.4270, 11.7635, 50.9975



1.4163, 1.3634, 5.0018

Inverse Universe

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



61.2566, 44.9838, 58.8822



56.8247, 38.2114, 50.9571



81.9583, 94.7633, 39.9601



18.3812, 18.1358, 20.6245



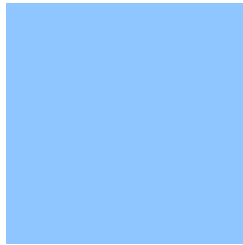
23.5655, 11.9155, 11.6284



2.3495, 1.1822, 1.4219

Previews

White Background



This preview shows how the XYZ color 49.5718, 53.4478, 102.3115 looks on a white background.

Color Contrast Check

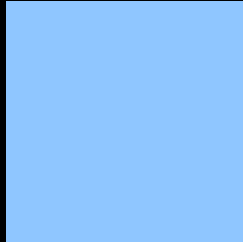
Large Text (above 18pt) WCAG AA × Fail

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 49.5718, 53.4478, 102.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

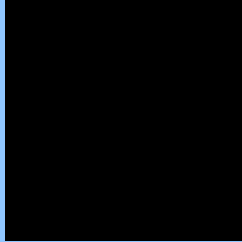
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

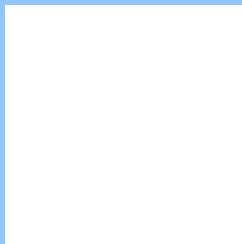
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5718, 53.4478, 102.3115

Background



This preview shows how black text looks on a background with the XYZ color 49.5718, 53.4478, 102.3115.



This preview shows how white text looks on a background with the XYZ color 49.5718, 53.4478,

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

49.5718, 53.4478, 102.3115

Protanopia

53.6438, 53.0136, 97.0278

Deuteranopia

54.3680, 53.2770, 102.0257



Tritanopia

44.3169, 53.3927, 76.3767

Trichromacy



Original Color

49.5718, 53.4478, 102.3115

Protanomaly

51.9996, 53.1043, 98.7763

Deuteranomaly

52.4298, 53.2524, 102.1231

Tritanomaly

46.1450, 53.4426, 84.9741

Monochromacy



Original Color

49.5718, 53.4478, 102.3115

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.7466, 51.2234, 69.6579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5718, 53.4478, 102.3115 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(143, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 198, 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(143, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 49.5718, 53.4478, 102.3115 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(143, 198, 255) }
```


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

```
.border{ border-color:rgb(143, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5718, 53.4478, 102.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 198, 255) }
```

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

```
.background{ background-color: rgb(143,  
198, 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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