

Converting Colors

XYZ(52.2855, 57.1432,
107.4336)

Have a look what the booklet for
XYZ(52.2855, 57.1432, 107.4336)
contains.

XYZ(51.3829, 56.8119, 102.8654)	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(51.3829, 56.8119,
102.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	90CDFF
RGB	144, 205, 255
RGB Percent	56%, 80%, 100%
CMY	0.4353, 0.1961, 0.0000
CMYK	0.44, 0.20, 0.00, 0.00
HSL	207°, 100%, 78%
HSV	207°, 44%, 100%
XYZ	51.3829, 56.8119, 102.8654
YIQ	192.4610, -52.4060, 2.6180

Conversions

Conversions Part 2

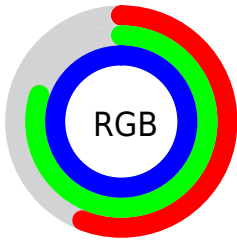
Format	Color
RYB	144, 183, 255
Decimal	9489919
CIELab	80.07, -6.80, -30.60
CIElCh	80, 31.347, 257.479
Yxy	56.8119, 0.2435, 0.2692
Android (android.graphics.Color)	4287679999 (0xFF90CDFF)
YUV	192.4610, 30.8317, -42.5003
Hunter-Lab	75.3737, -10.2189, -28.1538

Details

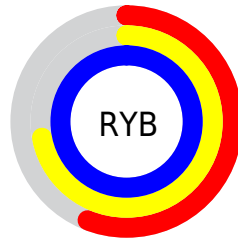
The XYZ color **51.3829, 56.8119, 102.8654** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.5665, 61.8580, 34.8716**, and the grayscale version is **50.2211, 52.8365, 57.5390**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **25.1901, 28.2367, 57.5486** is the 20% darker color. If you saturate the color by 10%, you get **44.7744, 49.4760, 101.7977**, and if you desaturate by 10%, it is **59.2022, 65.0739, 104.0480**.

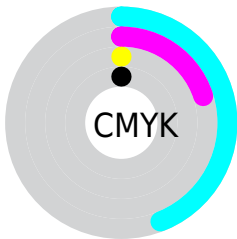
Distribution



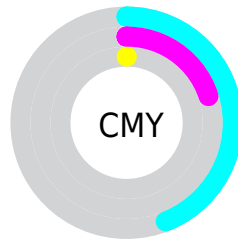
- Red (56%)
- Green (80%)
- Blue (100%)



- 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 51.3829, 56.8119, 102.8654 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 51.3829, 56.8119, 102.8654 by changing the saturation by 10% instead.

■ 51.3829, 56.8119,
102.8654

■ 51.3829, 56.8119,
102.8654

382.4128,
412.7441, 590.6658

■ 36.7357, 40.8542,
78.0655

■ 91.4001, 100.1907,
167.1755

■ 25.1757, 28.2052,
57.6110

■ 117.5009,
128.3806, 207.5227

■ 16.3374, 18.4804,
41.0834

148.1502,
161.4167, 253.8896

■ 9.8556, 11.2954,
28.0641

183.7135,
199.6834, 306.6945

■ 5.3648, 6.2659,
18.1345

224.5560,
243.5651, 366.3560

■ 2.4998, 3.0074,
10.8762

271.0432,

■ 0.8952, 1.1356,

293.4462, 433.2927

5.8705

323.5403,
349.7111, 507.9231

■ 0.0000, 0.0082,
2.6990

■ 0.0000, 0.0000,
0.9429

■ 51.3829, 56.8119,
102.8654

■ 51.3829, 56.8119,
102.8654

■ 44.7744, 49.4760,
101.7977

■ 59.2022, 65.0739,
104.0480

■ 39.2990, 43.0160,
100.8394

■ 68.2937, 74.2962,
105.3489

■ 34.8765, 37.3853,
99.9856

■ 78.7202, 84.5184,
106.7724

■ 31.4132, 32.5287,
99.2308

■ 90.5387, 95.7757,
108.3224

■ 28.7953, 28.3805, 95.0500, 100.0000,
98.5680 108.9000

■ 27.4482, 26.0165,
98.1827

Harmonies

Analogous

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



46.1271, 56.8119, 91.5198



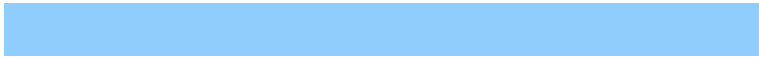
51.3829, 56.8119, 102.8654



57.7654, 56.8119, 101.7658

Triad

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



51.3829, 56.8119, 102.8654



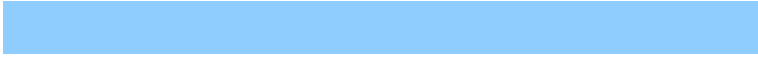
66.5590, 56.8119, 51.8987



45.4551, 56.8119, 41.0295

Complementary

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



51.3829, 56.8119, 102.8654



65.5665, 61.8580, 34.8716

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.



50.3981, 56.8119, 34.0439



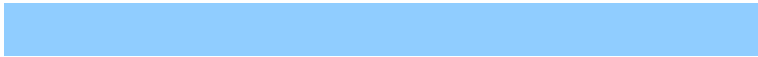
51.3829, 56.8119, 102.8654



62.7169, 56.8119, 39.4174

Square

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



51.3829, 56.8119, 102.8654



66.8751, 56.8119, 69.7889



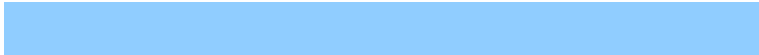
56.7004, 56.8119, 33.5187



42.8901, 56.8119, 54.5529

Rectangle

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



51.3829, 56.8119, 102.8654



61.8082, 56.8119, 94.1228



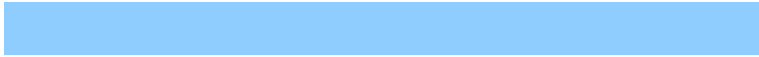
56.7004, 56.8119, 33.5187



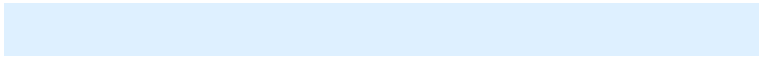
46.8751, 56.8119, 37.9650

Sweetspot

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



51.3846, 56.8140, 102.8657



79.3084, 85.0861, 106.8510



56.9947, 81.3426, 63.7078



16.4540, 17.7076, 22.8006



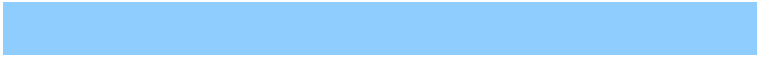
0.0000, 0.0000, 0.0000



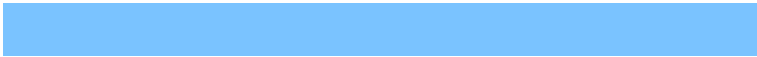
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3846, 56.8140, 102.8657



45.7088, 50.5389, 101.9536



40.3879, 34.8205, 99.2001



17.8306, 19.0327, 22.9839



14.4936, 13.8968, 51.3530



1.5204, 1.5714, 5.0365

Inverse Universe

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



62.2338, 45.6159, 63.2844



58.1298, 39.2299, 56.2993



80.2894, 91.3038, 39.7792



18.4271, 18.1542, 20.8664



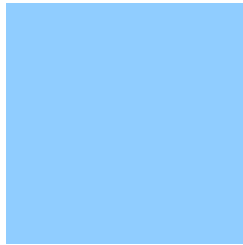
24.1039, 12.1309, 14.4635



2.4020, 1.2032, 1.6984

Previews

White Background



This preview shows how the XYZ color 51.3829, 56.8119, 102.8654 looks on a white background.

Color Contrast Check

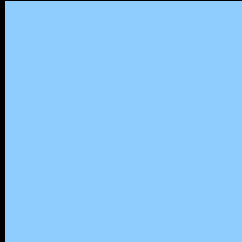
Large Text (above 18pt) WCAG AA × Fail

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 51.3829, 56.8119, 102.8654 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

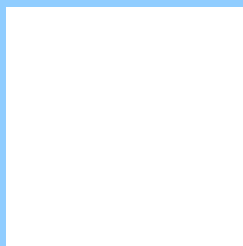
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3829, 56.8119, 102.8654

Background



This preview shows how black text looks on a background with the XYZ color 51.3829, 56.8119, 102.8654.



This preview shows how white text looks on a background with the XYZ color 51.3829, 56.8119,

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

51.3829, 56.8119, 102.8654

Protanopia

56.6908, 56.5715, 96.7384

Deuteranopia

57.8148, 56.6893, 102.5027



Tritanopia

47.0651, 56.8735, 81.1701

Trichromacy



Original Color

51.3829, 56.8119, 102.8654

Protanomaly

54.4136, 56.3579, 99.2771

Deuteranomaly

55.2680, 56.7248, 102.6438

Tritanomaly

48.4894, 56.7151, 88.5122

Monochromacy



Original Color

51.3829, 56.8119, 102.8654

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.9112, 53.9528, 72.0733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3829, 56.8119, 102.8654 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 205, 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, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.3829, 56.8119, 102.8654 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, 205, 255) }
```


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

```
.border{ border-color:rgb(144, 205, 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, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3829, 56.8119, 102.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 205, 255) }
```

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

```
.background{ background-color: rgb(144,  
205, 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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