

Converting Colors

XYZ(53.9675, 52.8619,
109.7109)

Have a look what the booklet for
XYZ(53.9675, 52.8619, 109.7109)
contains.

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Color

**XYZ(52.6119, 52.3717,
101.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BEFF
RGB	168, 190, 255
RGB Percent	66%, 75%, 100%
CMY	0.3412, 0.2549, 0.0000
CMYK	0.34, 0.25, 0.00, 0.00
HSL	225°, 100%, 83%
HSV	225°, 34%, 100%
XYZ	52.6119, 52.3717, 101.9436
YIQ	190.8320, -33.9770, 15.5510

Conversions

Conversions Part 2

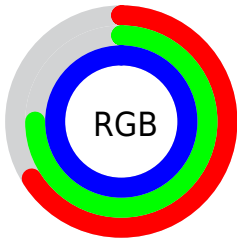
Format	Color
R _Y B	168, 186, 255
Decimal	11058943
CIE Lab	77.50, 7.51, -34.45
CIE LCh	78, 35.255, 282.296
Yxy	52.3717, 0.2543, 0.2531
Android (android.graphics.Color)	4289249023 (0xFFA8BEFF)
YUV	190.8320, 31.6348, -20.0237
Hunter-Lab	72.3683, 3.1254, -32.8627

Details

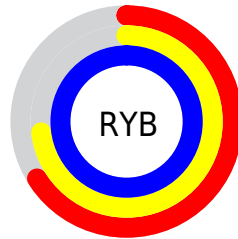
The XYZ color **52.6119, 52.3717, 101.9436** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.4473, 82.3654, 48.8639**, and the grayscale version is **49.2620, 51.8275, 56.4401**.

A 20% lighter version of the original color is **82.0571, 89.1391, 107.4884**, and **25.9488, 25.4792, 56.9764** is the 20% darker color. If you saturate the color by 10%, you get **43.8458, 42.1231, 100.4274**, and if you desaturate by 10%, it is **62.9850, 64.2517, 103.6899**.

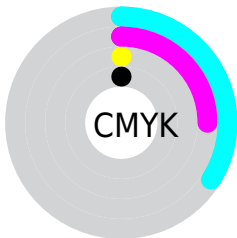
Distribution



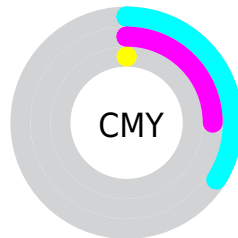
- Red (66%)
- Green (75%)
- Blue (100%)



- Red (66%)
- Yellow (73%)
- Blue (100%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6119, 52.3717, 101.9436 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 52.6119, 52.3717, 101.9436 by changing the saturation by 10% instead.

■ 52.6119, 52.3717,
101.9436

■ 52.6119, 52.3717,
101.9436

387.0796,
395.8699, 587.7060

■ 37.7193, 37.3014,
77.2988

■ 93.2019, 93.6792,
165.9007

■ 25.9411, 25.4410,
56.9851

119.6301,
120.6852, 206.0501

■ 16.9120, 16.4059,
40.5840

150.6341,
152.4386, 252.2047

■ 10.2667, 9.8118,
27.6769

186.5793,
189.3237, 304.7832

■ 5.6398, 5.2744,
17.8454

227.8311,
231.7250, 364.2040

■ 2.6659, 2.4091,
10.6707

274.7549,

■ 0.9796, 0.8306,

280.0269, 430.8857

5.7345

327.7159,
334.6137, 505.2469

■ 0.0000, 0.0000,
2.6182

■ 0.0000, 0.0000,
0.9018

■ 52.6119, 52.3717,
101.9436

■ 52.6119, 52.3717,
101.9436

■ 43.8458, 42.1231,
100.4274

■ 62.9850, 64.2517,
103.6899

■ 36.5987, 33.4263,
99.1307

■ 75.0373, 77.8261,
105.6748

■ 30.7811, 26.2035,
98.0432

■ 88.8425, 93.1617,
107.9072

■ 26.2915, 20.3673,
97.1533

95.0500, 100.0000,
108.9000

■ 23.0141, 15.8199,
96.4483

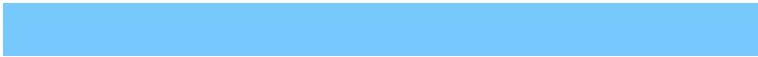
■ 20.8105, 12.4484,
95.9137

■ 19.9108, 10.9416,
95.6703

Harmonies

Analogous

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



45.9101, 52.3717, 100.6040



52.6119, 52.3717, 101.9436



59.0963, 52.3717, 89.4136

Triad

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



52.6119, 52.3717, 101.9436



60.0787, 52.3717, 35.3707



38.3416, 52.3717, 46.3872

Complementary

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



52.6119, 52.3717, 101.9436



77.4473, 82.3654, 48.8639

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.



41.4941, 52.3717, 33.5866



52.6119, 52.3717, 101.9436



53.8567, 52.3717, 28.2935

Square

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



52.6119, 52.3717, 101.9436



63.6630, 52.3717, 49.4217



47.0472, 52.3717, 27.7248



38.0742, 52.3717, 65.3682

Rectangle

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



52.6119, 52.3717, 101.9436



62.2621, 52.3717, 76.2445



47.0472, 52.3717, 27.7248



39.0848, 52.3717, 41.3398

Sweetspot

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



52.6135, 52.3736, 101.9438



80.5035, 83.9216, 106.5632



66.4465, 85.6602, 89.2278



16.8244, 17.5100, 22.7430



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.



52.6135, 52.3736, 101.9438



46.4108, 45.1471, 100.8759



52.8671, 45.9566, 100.6919



17.3762, 18.1241, 22.8324



10.5034, 5.9163, 50.0230



1.1054, 0.7415, 4.8981

Inverse Universe

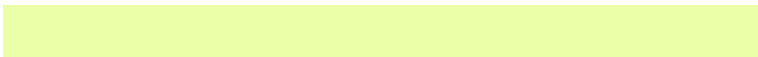
The Inverse Universe completely reimagines the original color for something new.



64.5380, 52.9846, 55.5427



60.1430, 46.3865, 47.3203



76.9905, 91.9586, 50.7397



18.1978, 18.0624, 19.6588



22.0898, 11.3252, 3.8575



2.1926, 1.1194, 0.5955

Previews

White Background



This preview shows how the XYZ color 52.6119, 52.3717, 101.9436 looks on a white background.

Color Contrast Check

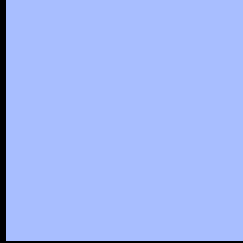
Large Text (above 18pt) WCAG AA × Fail

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 52.6119, 52.3717, 101.9436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

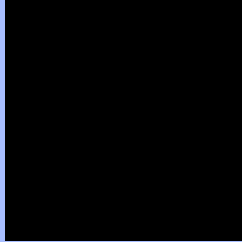
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6119, 52.3717, 101.9436

Background



This preview shows how black text looks on a background with the XYZ color 52.6119, 52.3717, 101.9436.



This preview shows how white text looks on a background with the XYZ color 52.6119, 52.3717,

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

52.6119, 52.3717, 101.9436

Protanopia

53.3206, 52.4352, 101.0766

Deuteranopia

53.4888, 52.1851, 101.8613



Tritanopia

46.5024, 52.5632, 70.6456

Trichromacy



Original Color

52.6119, 52.3717, 101.9436

Protanomaly

52.8816, 52.2089, 101.0561

Deuteranomaly

53.2609, 52.3858, 101.9121

Tritanomaly

48.4190, 52.3130, 80.9443

Monochromacy



Original Color

52.6119, 52.3717, 101.9436

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.2968, 52.1839, 71.0399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6119, 52.3717, 101.9436 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(168, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 190, 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(168, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6119, 52.3717, 101.9436 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(168, 190, 255) }
```


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

```
.border{ border-color:rgb(168, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6119, 52.3717, 101.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 190, 255) }
```

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

```
.background{ background-color: rgb(168,  
190, 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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