

Converting Colors

XYZ(50.9902, 52.9444, 84.7420)

Have a look what the booklet for
XYZ(50.9902, 52.9444, 84.7420)
contains.

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Color

**XYZ(51.0115, 52.9074,
84.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC1E9
RGB	173, 193, 233
RGB Percent	68%, 76%, 91%
CMY	0.3216, 0.2431, 0.0863
CMYK	0.26, 0.17, 0.00, 0.09
HSL	220°, 58%, 80%
HSV	220°, 26%, 91%
XYZ	51.0115, 52.9074, 84.6143
YIQ	191.5800, -24.7600, 8.2000

Conversions

Conversions Part 2

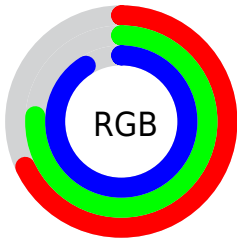
Format	Color
RYB	173, 188, 233
Decimal	11387369
CIELab	77.82, 1.93, -22.12
CIELCh	78, 22.201, 274.995
Yxy	52.9074, 0.2706, 0.2806
Android (android.graphics.Color)	4289577449 (0xFFADC1E9)
YUV	191.5800, 20.4201, -16.2947
Hunter-Lab	72.7375, -2.1068, -18.0548

Details

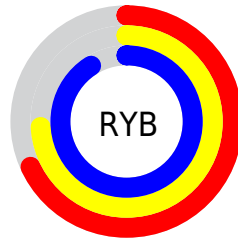
The XYZ color **51.0115, 52.9074, 84.6143** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9419, 67.9294, 49.2254**, and the grayscale version is **49.7547, 52.3459, 57.0046**.

A 20% lighter version of the original color is **84.2388, 91.6294, 107.8541**, and **24.9216, 25.8524, 45.2715** is the 20% darker color. If you saturate the color by 10%, you get **43.0466, 43.9699, 83.3099**, and if you desaturate by 10%, it is **60.2389, 63.0336, 86.0834**.

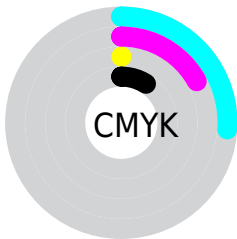
Distribution



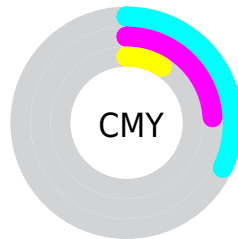
- Red (68%)
- Green (76%)
- Blue (91%)



- Red (68%)
- Yellow (74%)
- Blue (91%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (32%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0115, 52.9074, 84.6143 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 51.0115, 52.9074, 84.6143 by changing the saturation by 10% instead.

■ 51.0115, 52.9074,
84.6143

■ 51.0115, 52.9074,
84.6143

380.9954,
397.9298, 530.4622

■ 36.4388, 37.7289,
62.9744

■ 90.8547, 94.4681,
141.7035

■ 24.9450, 25.7723,
45.3796

116.8559,
121.6190, 177.9900

■ 16.1646, 16.6534,
31.4114

147.3973,
153.5296, 219.9957

■ 9.7323, 9.9877,
20.6513

182.8443,
190.5841, 268.1392

■ 5.2827, 5.3908,
12.6806

223.5623,
233.1669, 322.8391

■ 2.4505, 2.4783,
7.0808

269.9166,

■ 0.8704, 0.8658,

281.6626, 384.5139

3.4335

322.2725,
336.4554, 453.5820

■ 0.0000, 0.0000,
1.3200

■ 0.0000, 0.0000,
0.0781

■ 51.0115, 52.9074,
84.6143

■ 51.0115, 52.9074,
84.6143

■ 43.0466, 43.9699,
83.3099

■ 60.2389, 63.0336,
86.0834

■ 36.2813, 36.1686,
82.1606

■ 70.7776, 74.3856,
87.7191

■ 30.6550, 29.4561,
81.1615

■ 82.6799, 87.0068,
89.5279

■ 26.0990, 23.7788,
80.3058

■ 91.7081, 98.6633,
91.3020

■ 22.5369, 19.0779,
79.5862

■ 19.8806, 15.2875,
78.9946

■ 18.0238, 12.3306,
78.5217

■ 17.4095, 11.2859,
78.3525

Harmonies

Analogous

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



46.8667, 52.9074, 81.8879



51.0115, 52.9074, 84.6143



55.1879, 52.9074, 79.3045

Triad

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



51.0115, 52.9074, 84.6143



57.3813, 52.9074, 45.0466



43.1483, 52.9074, 48.1516

Complementary

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



51.0115, 52.9074, 84.6143



64.9419, 67.9294, 49.2254

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.



45.6850, 52.9074, 40.2791



51.0115, 52.9074, 84.6143



53.8695, 52.9074, 38.6739

Square

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



51.0115, 52.9074, 84.6143



58.9970, 52.9074, 55.5664



49.5692, 52.9074, 37.0615



42.4793, 52.9074, 59.6973

Rectangle

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



51.0115, 52.9074, 84.6143



57.3804, 52.9074, 72.3129



49.5692, 52.9074, 37.0615



43.8035, 52.9074, 45.0439

Sweetspot

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



51.0132, 52.9095, 84.6155



83.7531, 87.9622, 107.1719



58.2573, 71.9165, 73.0992



17.4977, 18.3670, 22.8729



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.



51.0132, 52.9095, 84.6155



57.1348, 58.8275, 102.9513



48.9442, 45.7168, 83.3362



14.6415, 15.3694, 19.1171



9.9802, 6.6074, 44.4923



0.8692, 0.6900, 3.5222

Inverse Universe

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



58.1748, 51.0624, 57.2443



67.4521, 56.5697, 63.4290



67.4232, 77.1432, 50.8730



15.2726, 15.1369, 16.7207



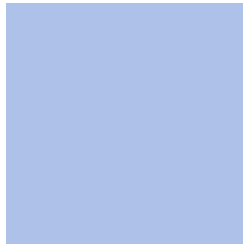
19.8928, 10.1598, 5.2370



1.6053, 0.8151, 0.6386

Previews

White Background



This preview shows how the XYZ color 51.0115, 52.9074, 84.6143 looks on a white background.

Color Contrast Check

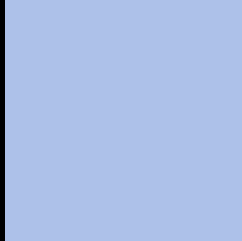
Large Text (above 18pt) WCAG AA × Fail

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 51.0115, 52.9074, 84.6143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

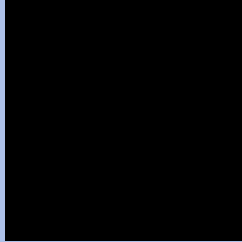
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0115, 52.9074, 84.6143

Background



This preview shows how black text looks on a background with the XYZ color 51.0115, 52.9074, 84.6143.



This preview shows how white text looks on a background with the XYZ color 51.0115, 52.9074,

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

51.0115, 52.9074, 84.6143

Protanopia

52.3657, 52.6637, 83.0064

Deuteranopia

54.0697, 52.8541, 85.1940



Tritanopia

48.2121, 53.1210, 69.9997

Trichromacy



Original Color

51.0115, 52.9074, 84.6143

Protanomaly

51.7867, 52.6715, 83.7811

Deuteranomaly

53.0319, 52.9578, 85.2687

Tritanomaly

49.2358, 53.1932, 75.3825

Monochromacy



Original Color

51.0115, 52.9074, 84.6143

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1197, 52.5186, 66.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0115, 52.9074, 84.6143 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(173, 193, 233)` looks like.

```
.text, #text, p{  
    color:rgb(173, 193, 233)  
}
```

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(173, 193, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 193, 233) }
```

Border

The CSS property to change the border of an element to XYZ 51.0115, 52.9074, 84.6143 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(173, 193, 233) }
```


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

```
.border{ border-color:rgb(173, 193, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 193, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 193, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 193, 233); box-shadow:4px 4px 4px 4px rgb(173, 193, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0115, 52.9074, 84.6143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 193, 233) }
```

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

```
.background{ background-color: rgb(173,  
193, 233) }
```

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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