

Converting Colors

XYZ(50.9821, 58.0868,
100.0568)

Have a look what the booklet for
XYZ(50.9821, 58.0868, 100.0568)
contains.

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Color

**XYZ(51.0283, 58.1414,
99.7997)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD1FB
RGB	140, 209, 251
RGB Percent	55%, 82%, 98%
CMY	0.4510, 0.1804, 0.0157
CMYK	0.44, 0.17, 0.00, 0.02
HSL	203°, 93%, 77%
HSV	203°, 44%, 98%
XYZ	51.0283, 58.1414, 99.7997
YIQ	193.1570, -54.6060, -1.5660

Conversions

Conversions Part 2

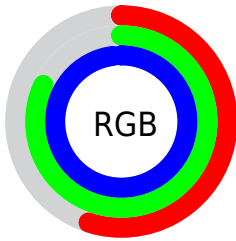
Format	Color
RYB	140, 183, 251
Decimal	9228795
CIELab	80.82, -10.94, -27.35
CIElCh	81, 29.457, 248.197
Yxy	58.1414, 0.2442, 0.2782
Android (android.graphics.Color)	4287418875 (0xFF8CD1FB)
YUV	193.1570, 28.5166, -46.6187
Hunter-Lab	76.2505, -13.9828, -24.2258

Details

The XYZ color **51.0283, 58.1414, 99.7997** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.2467, 55.8602, 32.3670**, and the grayscale version is **50.6431, 53.2805, 58.0225**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **24.9386, 29.1316, 55.3475** is the 20% darker color. If you saturate the color by 10%, you get **45.0106, 51.6837, 98.8715**, and if you desaturate by 10%, it is **58.1532, 65.3786, 100.8221**.

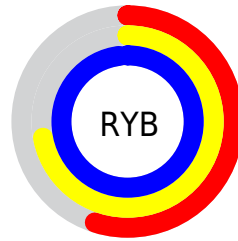
Distribution



Red (55%)

Green (82%)

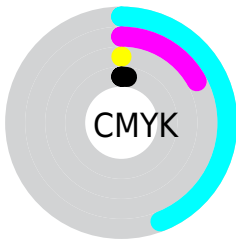
Blue (98%)



Red (55%)

Yellow (72%)

Blue (98%)

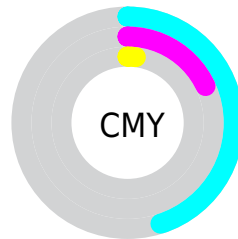


Cyan (44%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (45%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0283, 58.1414, 99.7997 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 51.0283, 58.1414, 99.7997 by changing the saturation by 10% instead.

■ 51.0283, 58.1414,
99.7997

■ 51.0283, 58.1414,
99.7997

381.0596,
417.7126, 580.7915

■ 36.4523, 41.9223,
75.5173

■ 90.8793, 102.1287,
162.9314

■ 24.9554, 29.0405,
55.5325

■ 116.8851,
130.6658, 202.6177

■ 16.1724, 19.1114,
39.4268

147.4314,
164.0777, 248.2759

■ 9.7378, 11.7508,
26.7815

182.8837,
202.7487, 300.3243

■ 5.2864, 6.5743,
17.1782

223.6073,
247.0633, 359.1815

■ 2.4528, 3.1973,
10.1983

269.9676,

■ 0.8715, 1.2356,

297.4059, 425.2661

5.4233

322.3299,
354.1609, 498.9966

■ 0.0000, 0.0905,
2.4347

■ 0.0000, 0.0000,
0.8052

■ 51.0283, 58.1414,
99.7997

■ 51.0283, 58.1414,
99.7997

■ 45.0106, 51.6837,
98.8715

■ 58.1532, 65.3786,
100.8221

■ 40.0257, 45.9598,
98.0294

■ 66.4422, 73.4243,
101.9383

■ 35.9980, 40.9284,
97.2705

■ 75.9547, 82.3139,
103.1528

■ 32.8382, 36.5397,
96.5899

■ 86.7443, 92.0782,
104.4688

■ 30.4373, 32.7335,
95.9818

■ 94.4128, 99.7451,
105.5445

■ 29.3061, 30.7518,
95.6589

Harmonies

Analogous

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



46.5658, 58.1414, 86.3741



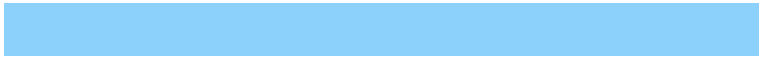
51.0283, 58.1414, 99.7997



56.9471, 58.1414, 102.6091

Triad

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



51.0283, 58.1414, 99.7997



67.6723, 58.1414, 58.6467



48.3366, 58.1414, 40.4516

Complementary

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



51.0283, 58.1414, 99.7997



61.2467, 55.8602, 32.3670

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.



53.6098, 58.1414, 35.5909



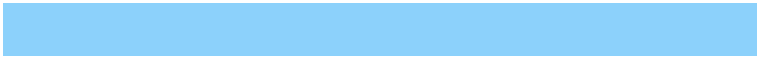
51.0283, 58.1414, 99.7997



64.9778, 58.1414, 44.7611

Square

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



51.0283, 58.1414, 99.7997



66.8544, 58.1414, 76.5872



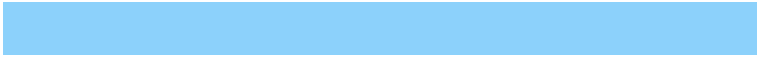
59.7229, 58.1414, 37.0091



45.0931, 58.1414, 51.6566

Rectangle

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



51.0283, 58.1414, 99.7997



60.9775, 58.1414, 97.6748



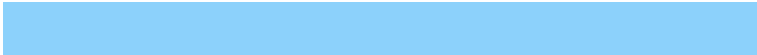
59.7229, 58.1414, 37.0091



49.9146, 58.1414, 38.1248

Sweetspot

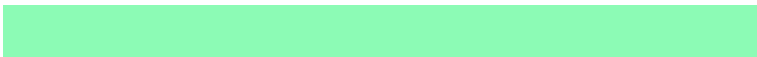
The Sweet Spot groups the original color and five complimentary colors.



51.0302, 58.1436, 99.8011



80.0166, 86.5025, 107.0871



53.6238, 77.8951, 55.7659



16.6291, 18.0577, 22.8590



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.



51.0302, 58.1436, 99.8011



47.3352, 54.3229, 102.5983



39.9178, 35.9188, 96.0969



17.1818, 18.4405, 22.0391



15.5492, 16.4540, 50.3300



1.5422, 1.7281, 4.6954

Inverse Universe

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



60.6720, 43.8708, 65.5939



58.8211, 39.0099, 61.4700



74.5717, 82.5102, 36.8087



17.6983, 17.4067, 20.2671



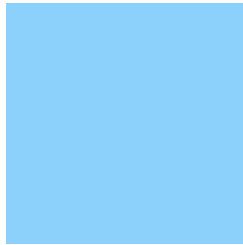
24.1405, 12.0719, 17.9803



2.2874, 1.1387, 1.9366

Previews

White Background



This preview shows how the XYZ color 51.0283, 58.1414, 99.7997 looks on a white background.

Color Contrast Check

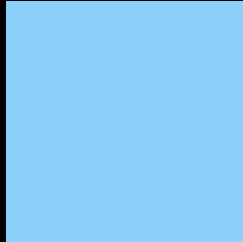
Large Text (above 18pt) WCAG AA × Fail

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 51.0283, 58.1414, 99.7997 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

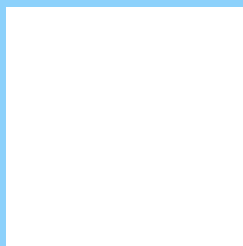
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0283, 58.1414, 99.7997

Background



This preview shows how black text looks on a background with the XYZ color 51.0283, 58.1414, 99.7997.



This preview shows how white text looks on a background with the XYZ color 51.0283, 58.1414,

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

51.0283, 58.1414, 99.7997

Protanopia

57.6069, 57.8064, 92.9156

Deuteranopia

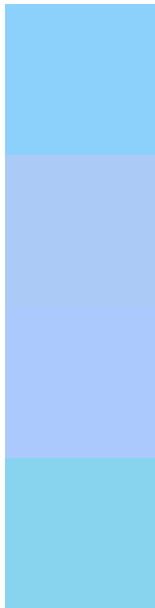
59.1152, 57.7120, 101.7898



Tritanopia

47.9087, 58.3700, 83.6044

Trichromacy



Original Color

51.0283, 58.1414, 99.7997

Protanomaly

54.7683, 57.6655, 95.4327

Deuteranomaly

55.6295, 57.6358, 101.1213

Tritanomaly

49.1294, 58.4943, 89.5900

Monochromacy



Original Color

51.0283, 58.1414, 99.7997

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0166, 54.7006, 71.5404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0283, 58.1414, 99.7997 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(140, 209, 251)` looks like.

```
.text, #text, p{  
    color:rgb(140, 209, 251)  
}
```

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(140, 209, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 209, 251) }
```

Border

The CSS property to change the border of an element to XYZ 51.0283, 58.1414, 99.7997 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(140, 209, 251) }
```


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

```
.border{ border-color:rgb(140, 209, 251) }
```

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

Here you see how a box with a 4 pixel rgb(140, 209, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 209, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 209, 251);  
box-shadow:4px 4px 4px 4px rgb(140, 209,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0283, 58.1414, 99.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 209, 251) }
```

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

```
.background{ background-color: rgb(140,  
209, 251) }
```

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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