

Converting Colors

XYZ(51.4011, 67.3992,
104.9080)

Have a look what the booklet for
XYZ(51.4011, 67.3992, 104.9080)
contains.

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Color

**XYZ(51.3202, 67.2085,
104.8754)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE8FF
RGB	92, 232, 255
RGB Percent	36%, 91%, 100%
CMY	0.6392, 0.0902, 0.0000
CMYK	0.64, 0.09, 0.00, 0.00
HSL	188°, 100%, 68%
HSV	188°, 64%, 100%
XYZ	51.3202, 67.2085, 104.8754
YIQ	192.7620, -90.8230, -22.5270

Conversions

Conversions Part 2

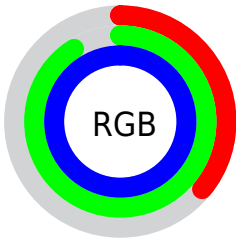
Format	Color
R_{YB}	92, 167, 255
Decimal	6088959
CIE _{Lab}	85.61, -30.82, -22.33
CIE _{LCh}	86, 38.059, 215.920
Yxy	67.2085, 0.2297, 0.3008
Android (android.graphics.Color)	4284279039 (0xFF5CE8FF)
YUV	192.7620, 30.6833, -88.3683
Hunter-Lab	81.9808, -31.7249, -18.4612

Details

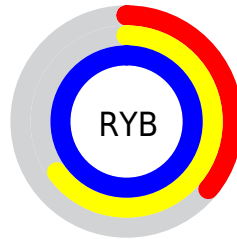
The XYZ color **51.3202, 67.2085, 104.8754** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **49.3035, 34.2956, 14.1484**, and the grayscale version is **50.4149, 53.0404, 57.7610**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **25.7184, 35.1279, 58.8509** is the 20% darker color. If you saturate the color by 10%, you get **48.1863, 64.1062, 104.4418**, and if you desaturate by 10%, it is **55.3354, 70.7988, 105.3568**.

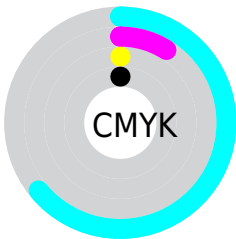
Distribution



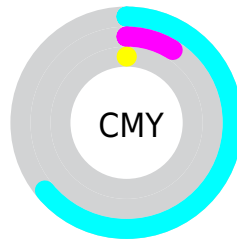
- Red (36%)
- Green (91%)
- Blue (100%)



- Red (36%)
- Yellow (65%)
- Blue (100%)



- Cyan (64%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3202, 67.2085, 104.8754 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 51.3202, 67.2085, 104.8754 by changing the saturation by 10% instead.

51.3202, 67.2085,
104.8754

51.3202, 67.2085,
104.8754

382.1737,
450.6866, 597.0928

36.6856, 49.2541,
79.7389

91.3081, 115.2191,
169.9512

25.1367, 34.8211,
58.9786

117.3921,
146.0441, 210.7276

16.3082, 23.5251,
42.1760

148.0232,
181.9281, 257.5544

9.8347, 14.9817,
28.9125

183.5668,
223.2555, 310.8501

5.3509, 8.8065,
18.7697

224.3884,
270.4106, 371.0332

2.4915, 4.6152,
11.3288

270.8531,

0.8910, 2.0233,

323.7779, 438.5223

6.1715

323.3265,
383.7417, 513.7360

■ 0.0000, 0.6210,
2.8792

■ 0.0000, 0.0000,
1.0333

■ 51.3202, 67.2085,
104.8754

■ 51.3202, 67.2085,
104.8754

■ 48.1863, 64.1062,
104.4418

■ 55.3354, 70.7988,
105.3568

■ 45.8381, 61.4381,
104.0506

■ 60.3040, 74.9100,
105.8885

■ 44.1673, 59.1497,
103.6969

■ 66.2968, 79.5805,
106.4741

■ 43.3872, 57.8944,
103.4957

■ 73.3764, 84.8424,
107.1166

■ 81.6000, 90.7257,
107.8188

■ 91.0212, 97.2580,
108.5831

95.0500, 100.0000,
108.9000

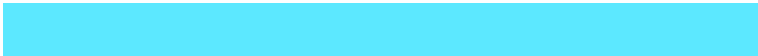
Harmonies

Analogous

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



48.7059, 67.2085, 78.2087



51.3202, 67.2085, 104.8754



57.3231, 67.2085, 125.9285

Triad

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



51.3202, 67.2085, 104.8754



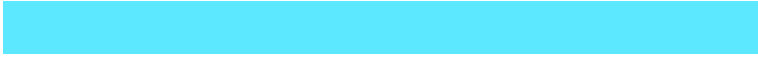
80.3216, 67.2085, 94.4139



62.1774, 67.2085, 35.2524

Complementary

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



51.3202, 67.2085, 104.8754



49.3035, 34.2956, 14.1484

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.



70.9181, 67.2085, 37.7012



51.3202, 67.2085, 104.8754



81.9169, 67.2085, 68.3690

Square

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



51.3202, 67.2085, 104.8754



74.1558, 67.2085, 118.9960



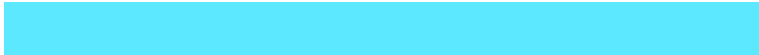
78.3373, 67.2085, 48.6137



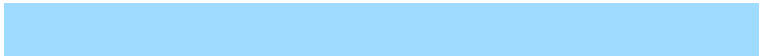
54.5997, 67.2085, 40.9516

Rectangle

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



51.3202, 67.2085, 104.8754



62.7021, 67.2085, 131.8041



78.3373, 67.2085, 48.6137



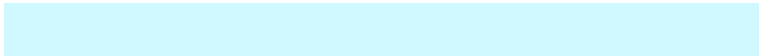
65.0719, 67.2085, 35.1704

Sweetspot

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



51.3221, 67.2109, 104.8758



77.2745, 87.6564, 107.4543



43.1971, 75.0048, 28.0431



16.0474, 18.4078, 22.9572



0.0000, 0.0000, 0.0000



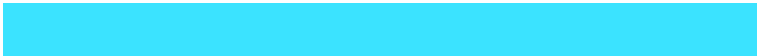
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3221, 67.2109, 104.8758



47.3833, 63.2398, 104.3169



33.6558, 31.8784, 98.9870



18.3235, 20.0187, 23.1482



22.7547, 30.4189, 54.1067



2.2729, 3.0765, 5.2873

Inverse Universe

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



59.6339, 34.7422, 79.9093



56.6922, 29.9145, 75.6740



62.7403, 61.1692, 18.6273



18.6760, 18.2537, 22.1767



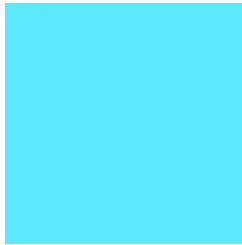
28.2737, 13.7988, 36.4214



2.7819, 1.3551, 3.6987

Previews

White Background



This preview shows how the XYZ color 51.3202, 67.2085, 104.8754 looks on a white background.

Color Contrast Check

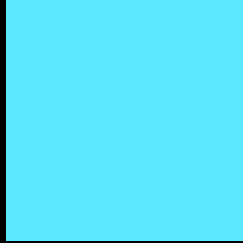
Large Text (above 18pt) WCAG AA × Fail

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 51.3202, 67.2085, 104.8754 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 51.3202, 67.2085, 104.8754

Background



This preview shows how black text looks on a background with the XYZ color 51.3202, 67.2085, 104.8754.

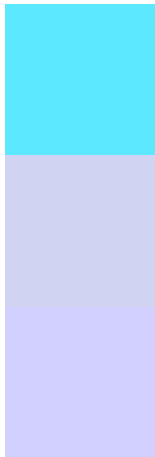


This preview shows how white text looks on a background with the XYZ color 51.3202, 67.2085,

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

51.3202, 67.2085, 104.8754

Protanopia

65.1839, 66.3493, 92.5902

Deuteranopia

66.9004, 65.8871, 103.7992



Tritanopia

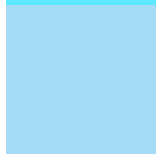
50.7679, 67.4165, 101.6037

Trichromacy



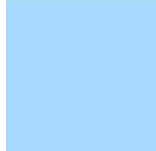
Original Color

51.3202, 67.2085, 104.8754



Protanomaly

57.6920, 65.4238, 96.7762



Deuteranomaly

58.5887, 64.9527, 104.0569



Tritanomaly

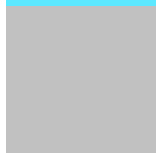
51.0240, 67.5302, 102.4409

Monochromacy



Original Color

51.3202, 67.2085, 104.8754



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

48.4178, 56.6514, 73.3487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3202, 67.2085, 104.8754 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(92, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 232, 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(92, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.3202, 67.2085, 104.8754 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(92, 232, 255) }
```


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

```
.border{ border-color:rgb(92, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 232, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 232, 255); box-shadow:4px 4px 4px 4px rgb(92, 232, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3202, 67.2085, 104.8754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 232, 255) }
```

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

```
.background{ background-color: rgb(92, 232,  
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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