

Converting Colors

XYZ(50.2883, 55.6337, 98.5304)

Have a look what the booklet for
XYZ(50.2883, 55.6337, 98.5304)
contains.

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Color

**XYZ(50.2883, 55.6337,
98.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	91CBFA
RGB	145, 203, 250
RGB Percent	57%, 80%, 98%
CMY	0.4314, 0.2039, 0.0196
CMYK	0.42, 0.19, 0.00, 0.02
HSL	207°, 91%, 77%
HSV	207°, 42%, 98%
XYZ	50.2883, 55.6337, 98.5304
YIQ	191.0160, -49.6550, 2.3210

Conversions

Conversions Part 2

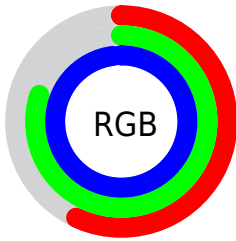
Format	Color
RYB	145, 182, 250
Decimal	9554938
CIELab	79.40, -6.83, -28.96
CIElCh	79, 29.752, 256.736
Yxy	55.6337, 0.2460, 0.2721
Android (android.graphics.Color)	4287745018 (0xFF91CBFA)
YUV	191.0160, 29.0791, -40.3560
Hunter-Lab	74.5880, -10.1817, -26.1102

Details

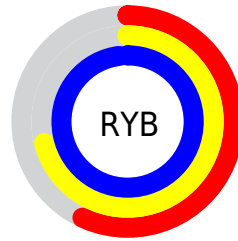
The XYZ color **50.2883, 55.6337, 98.5304** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3862, 60.0691, 35.0437**, and the grayscale version is **49.3894, 51.9615, 56.5861**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **24.4929, 27.4690, 54.4632** is the 20% darker color. If you saturate the color by 10%, you get **43.8105, 48.5128, 97.4983**, and if you desaturate by 10%, it is **57.9297, 63.6400, 99.6740**.

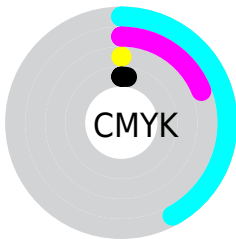
Distribution



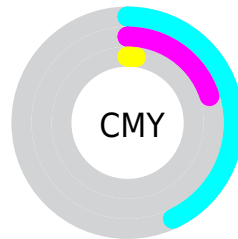
- Red (57%)
- Green (80%)
- Blue (98%)



- Red (57%)
- Yellow (71%)
- Blue (98%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (43%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2883, 55.6337, 98.5304 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 50.2883, 55.6337, 98.5304 by changing the saturation by 10% instead.

■ 50.2883, 55.6337,
98.5304

■ 50.2883, 55.6337,
98.5304

378.2257,
408.3096, 576.6770

■ 35.8613, 39.9093,
74.4638

■ 89.7912, 98.4688,
161.1704

■ 24.4967, 27.4678,
54.6746

■ 115.5977,
126.3483, 200.5808

■ 15.8292, 17.9249,
38.7444

145.9281,
159.0483, 245.9428

■ 9.4934, 10.8961,
26.2547

181.1477,
196.9532, 297.6751

■ 5.1241, 5.9970,
16.7868

221.6219,
240.4474, 356.1961

■ 2.3558, 2.8433,
9.9222

267.7161,

■ 0.8230, 1.0505,

289.9153, 421.9244

5.2425

319.7956,
345.7412, 495.2785

■ 0.0000, 0.0000,
2.3290

■ 0.0000, 0.0000,
0.7474

■ 50.2883, 55.6337,
98.5304

■ 50.2883, 55.6337,
98.5304

■ 43.8105, 48.5128,
97.4983

■ 57.9297, 63.6400,
99.6740

■ 38.4225, 42.2298,
96.5696

■ 66.7917, 72.5633,
100.9293

■ 34.0501, 36.7414,
95.7407

■ 76.9334, 82.4409,
102.3014

■ 30.6060, 31.9964,
95.0063

■ 88.4087, 93.3060,
103.7937

■ 27.9858, 27.9344,
94.3604

■ 94.2555, 99.6822,
104.7163

■ 26.3579, 25.1071,
93.9004

Harmonies

Analogous

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



45.3958, 55.6337, 87.8018



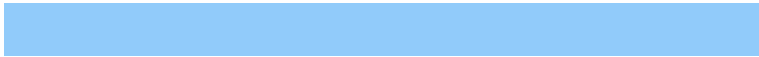
50.2883, 55.6337, 98.5304



56.2523, 55.6337, 97.8194

Triad

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



50.2883, 55.6337, 98.5304



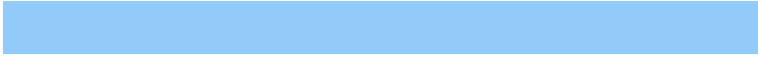
64.6481, 55.6337, 51.5952



44.9533, 55.6337, 40.7254

Complementary

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



50.2883, 55.6337, 98.5304



63.3862, 60.0691, 35.0437

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.



49.6417, 55.6337, 34.2361



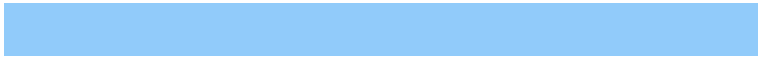
50.2883, 55.6337, 98.5304



61.1405, 55.6337, 39.6545

Square

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



50.2883, 55.6337, 98.5304



64.8540, 55.6337, 68.4346



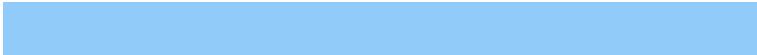
55.5555, 55.6337, 33.8850



42.4756, 55.6337, 53.3426

Rectangle

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



50.2883, 55.6337, 98.5304



60.0441, 55.6337, 90.9198



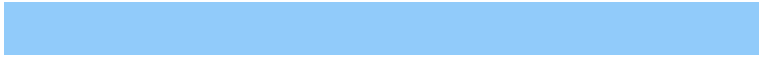
55.5555, 55.6337, 33.8850



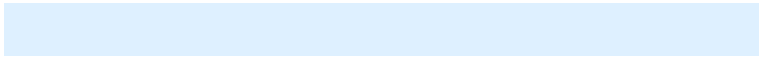
46.3063, 55.6337, 37.8679

Sweetspot

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



50.2901, 55.6358, 98.5317



79.3360, 85.1413, 106.8602



55.2133, 78.1319, 61.1750



16.4608, 17.7213, 22.8029



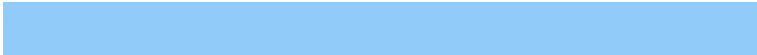
0.0000, 0.0000, 0.0000



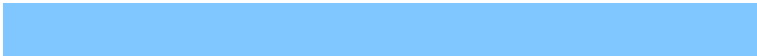
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2901, 55.6358, 98.5317



47.0550, 52.1263, 102.1891



40.1624, 35.3803, 95.1558



17.0780, 18.2329, 22.0045



14.1268, 13.6092, 49.8558



1.4142, 1.4721, 4.6528

Inverse Universe

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



60.3308, 44.8884, 61.9865



59.0790, 40.6422, 58.1142



76.5870, 86.4708, 39.4439



17.6459, 17.3857, 19.9911



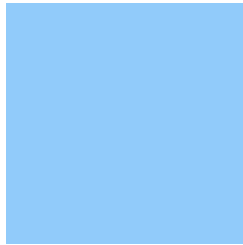
23.4226, 11.7848, 14.1996



2.2227, 1.1128, 1.5964

Previews

White Background



This preview shows how the XYZ color 50.2883, 55.6337, 98.5304 looks on a white background.

Color Contrast Check

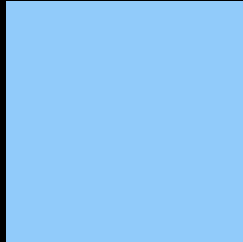
Large Text (above 18pt) WCAG AA × Fail

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 50.2883, 55.6337, 98.5304 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

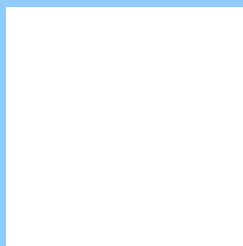
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2883, 55.6337, 98.5304

Background



This preview shows how black text looks on a background with the XYZ color 50.2883, 55.6337, 98.5304.



This preview shows how white text looks on a background with the XYZ color 50.2883, 55.6337,

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

50.2883, 55.6337, 98.5304

Protanopia

55.3881, 55.3056, 93.3437

Deuteranopia

56.6482, 55.4825, 99.8190



Tritanopia

46.4917, 55.8968, 78.8598

Trichromacy



Original Color

50.2883, 55.6337, 98.5304

Protanomaly

53.1784, 55.1324, 95.0276

Deuteranomaly

53.9564, 55.4436, 99.1247

Tritanomaly

47.7638, 55.6885, 85.3223

Monochromacy



Original Color

50.2883, 55.6337, 98.5304

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8543, 52.7824, 69.9005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2883, 55.6337, 98.5304 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(145, 203, 250)` looks like.

```
.text, #text, p{  
    color:rgb(145, 203, 250)  
}
```

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(145, 203, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 203, 250) }
```

Border

The CSS property to change the border of an element to XYZ 50.2883, 55.6337, 98.5304 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(145, 203, 250) }
```


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

```
.border{ border-color:rgb(145, 203, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 203, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 203, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 203, 250);  
box-shadow:4px 4px 4px 4px rgb(145, 203,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2883, 55.6337, 98.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 203, 250) }
```

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

```
.background{ background-color: rgb(145,  
203, 250) }
```

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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