

Converting Colors

XYZ(50.6194, 56.2977,
102.8064)

Have a look what the booklet for
XYZ(50.6194, 56.2977, 102.8064)
contains.

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Color

**XYZ(50.6965, 56.4581,
102.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCDFF
RGB	140, 205, 255
RGB Percent	55%, 80%, 100%
CMY	0.4510, 0.1961, 0.0000
CMYK	0.45, 0.20, 0.00, 0.00
HSL	206°, 100%, 77%
HSV	206°, 45%, 100%
XYZ	50.6965, 56.4581, 102.8333
YIQ	191.2650, -54.7900, 1.7700

Conversions

Conversions Part 2

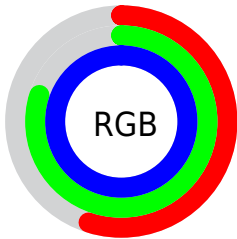
Format	Color
RYB	140, 182, 255
Decimal	9227775
CIELab	79.87, -7.76, -30.93
CIELCh	80, 31.883, 255.920
Yxy	56.4581, 0.2414, 0.2689
Android (android.graphics.Color)	4287417855 (0xFF8CCDFF)
YUV	191.2650, 31.4214, -44.9594
Hunter-Lab	75.1386, -11.0575, -28.5462

Details

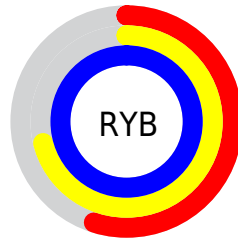
The XYZ color **50.6965, 56.4581, 102.8333** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.3877, 59.9811, 32.9967**, and the grayscale version is **49.5226, 52.1017, 56.7387**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **24.7393, 28.0043, 57.5275** is the 20% darker color. If you saturate the color by 10%, you get **44.3285, 49.3779, 101.8023**, and if you desaturate by 10%, it is **58.2512, 64.4315, 103.9741**.

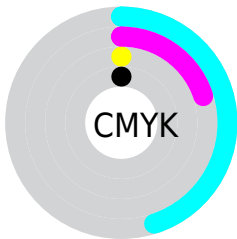
Distribution



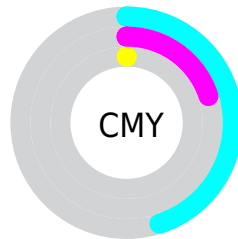
- Red (55%)
- Green (80%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6965, 56.4581, 102.8333 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 50.6965, 56.4581, 102.8333 by changing the saturation by 10% instead.


 50.6965, 56.4581,
102.8333


 50.6965, 56.4581,
102.8333


379.7906,
411.4156, 590.5629

 36.1872, 40.5703,
78.0388


 90.3917, 99.6741,
167.1311

 24.7496, 27.9835,
57.5892


 116.3082,
127.7710, 207.4715

 16.0183, 18.3132,
41.0660


146.7579,
160.7065, 253.8309

 9.6280, 11.1751,
28.0506

182.1060,
198.8649, 306.6280

 5.2134, 6.1847,
18.1244

222.7180,
242.6306, 366.2812

 2.4091, 2.9577,
10.8690

268.9592,

 0.8496, 1.1097,

292.3881, 433.2090

5.8657

321.1950,
348.5216, 507.8301

■ 0.0000, 0.0000,
2.6961

■ 0.0000, 0.0000,
0.9415

■ 50.6965, 56.4581,
102.8333

■ 50.6965, 56.4581,
102.8333

■ 44.3285, 49.3779,
101.8023

■ 58.2512, 64.4315,
103.9741

■ 39.0687, 43.1410,
100.8756

■ 67.0545, 73.3319,
105.2281

■ 34.8360, 37.7009,
100.0487

■ 77.1695, 83.1985,
106.5994

■ 31.5345, 33.0021,
99.3157

■ 88.6536, 94.0660,
108.0918

■ 29.0466, 28.9776,
98.6701

95.0500, 100.0000,
108.9000

■ 28.0435, 27.2070,
98.3812

Harmonies

Analogous

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



45.4768, 56.4581, 90.7307



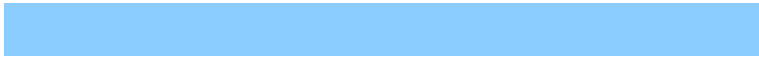
50.6965, 56.4581, 102.8333



57.1412, 56.4581, 102.4172

Triad

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



50.6965, 56.4581, 102.8333



66.5139, 56.4581, 52.2234



45.2247, 56.4581, 39.8996

Complementary

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



50.6965, 56.4581, 102.8333



64.3877, 59.9811, 32.9967

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.



50.3265, 56.4581, 33.2189



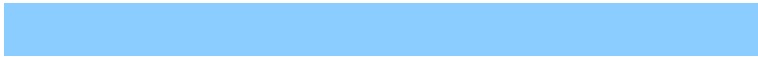
50.6965, 56.4581, 102.8333



62.7742, 56.4581, 39.2972

Square

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



50.6965, 56.4581, 102.8333



66.6331, 56.4581, 70.5393



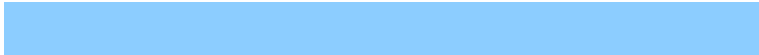
56.7404, 56.4581, 33.0232



42.4935, 56.4581, 53.2194

Rectangle

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



50.6965, 56.4581, 102.8333



61.2830, 56.4581, 95.0141



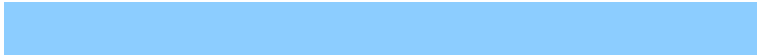
56.7404, 56.4581, 33.0232



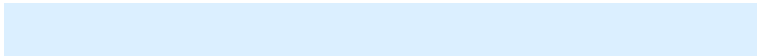
46.7000, 56.4581, 36.9318

Sweetspot

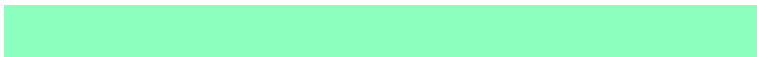
The Sweet Spot groups the original color and five complimentary colors.



50.6982, 56.4601, 102.8336



78.3606, 84.3403, 106.7570



55.8524, 80.8064, 61.2748



16.2740, 17.5737, 22.7843



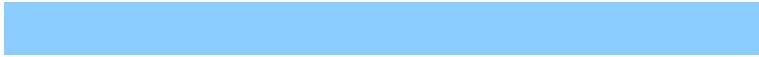
0.0000, 0.0000, 0.0000



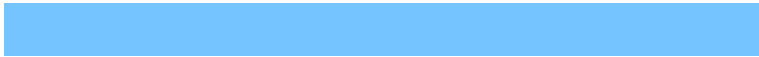
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6982, 56.4601, 102.8336



44.9712, 50.1121, 101.9101



39.4044, 33.8726, 99.0690



17.8551, 19.0817, 22.9920



14.8046, 14.5189, 51.4567



1.5502, 1.6311, 5.0464

Inverse Universe

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



61.6386, 44.4255, 63.0860



57.5016, 37.9987, 56.0119



79.3369, 89.8794, 37.9797



18.4395, 18.1591, 20.9315



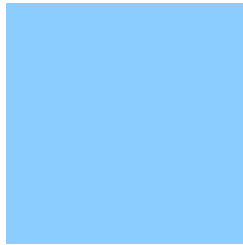
24.2609, 12.1937, 15.2902



2.4171, 1.2092, 1.7777

Previews

White Background



This preview shows how the XYZ color 50.6965, 56.4581, 102.8333 looks on a white background.

Color Contrast Check

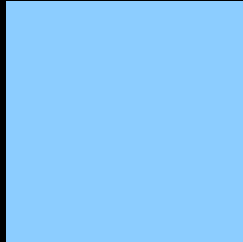
Large Text (above 18pt) WCAG AA × Fail

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 50.6965, 56.4581, 102.8333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

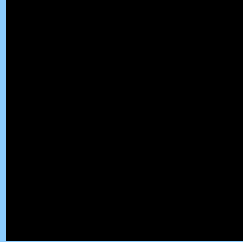
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

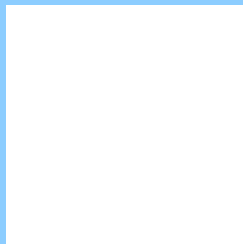
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6965, 56.4581, 102.8333

Background



This preview shows how black text looks on a background with the XYZ color 50.6965, 56.4581, 102.8333.



This preview shows how white text looks on a background with the XYZ color 50.6965, 56.4581,

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

50.6965, 56.4581, 102.8333

Protanopia

56.2255, 55.9979, 96.6522

Deuteranopia

57.3494, 56.1179, 102.4169



Tritanopia

46.4274, 56.5448, 81.1403

Trichromacy



Original Color

50.6965, 56.4581, 102.8333

Protanomaly

53.9845, 56.1367, 99.2570

Deuteranomaly

54.6063, 56.0432, 102.5471

Tritanomaly

47.8336, 56.3771, 88.4815

Monochromacy



Original Color

50.6965, 56.4581, 102.8333

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8908, 53.1056, 71.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6965, 56.4581, 102.8333 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 205, 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(140, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.6965, 56.4581, 102.8333 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, 205, 255) }
```


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

```
.border{ border-color:rgb(140, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 205, 255); box-shadow:4px 4px 4px 4px rgb(140, 205, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6965, 56.4581, 102.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 205, 255) }
```

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

```
.background{ background-color: rgb(140,  
205, 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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