

Converting Colors

XYZ(69.2880, 63.2226,
179.9189)

Have a look what the booklet for
XYZ(69.2880, 63.2226, 179.9189)
contains.

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Color

**XYZ(54.6876, 57.4604,
102.8164)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CAFF
RGB	165, 202, 255
RGB Percent	65%, 79%, 100%
CMY	0.3529, 0.2078, 0.0000
CMYK	0.35, 0.21, 0.00, 0.00
HSL	215°, 100%, 82%
HSV	215°, 35%, 100%
XYZ	54.6876, 57.4604, 102.8164
YIQ	196.9790, -39.0650, 8.6390

Conversions

Conversions Part 2

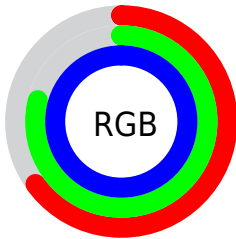
Format	Color
R _Y B	165, 191, 255
Decimal	10865407
CIE Lab	80.44, 0.19, -29.94
CIE LCh	80, 29.943, 270.355
Yxy	57.4604, 0.2544, 0.2673
Android (android.graphics.Color)	4289055487 (0xFFA5CAFF)
YUV	196.9790, 28.6044, -28.0456
Hunter-Lab	75.8026, -3.8763, -27.3573

Details

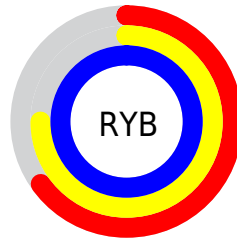
The XYZ color **54.6876, 57.4604, 102.8164** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.1034, 74.1198, 46.0528**, and the grayscale version is **52.9095, 55.6649, 60.6191**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **27.2134, 28.5720, 57.5067** is the 20% darker color. If you saturate the color by 10%, you get **46.5495, 48.2877, 101.4748**, and if you desaturate by 10%, it is **64.2293, 67.8682, 104.3224**.

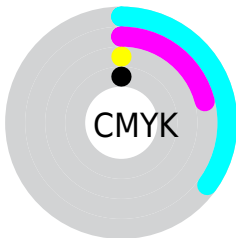
Distribution



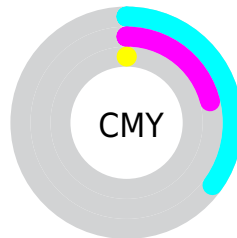
- Red (65%)
- Green (79%)
- Blue (100%)



- Red (65%)
- Yellow (75%)
- Blue (100%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6876, 57.4604, 102.8164 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 54.6876, 57.4604, 102.8164 by changing the saturation by 10% instead.

■ 54.6876, 57.4604,
102.8164

■ 54.6876, 57.4604,
102.8164

394.8823,
415.1723, 590.5087

■ 39.3845, 41.3750,
78.0248

■ 96.2341, 101.1367,
167.1077

■ 27.2411, 28.6122,
57.5777

■ 123.2082,
129.4963, 207.4445

■ 17.8919, 18.7877,
41.0568

154.8033,
162.7162, 253.8001

■ 10.9716, 11.5170,
28.0435

191.3849,
201.1806, 306.5930

■ 6.1149, 6.4157,
18.1191

233.3182,
245.2740, 366.2417

■ 2.9564, 3.0994,
10.8652

280.9687,

■ 1.1307, 1.1839,

295.3809, 433.1649

5.8632

334.7016,
351.8855, 507.7811

■ 0.0506, 0.0485,
2.6947

■ 0.0000, 0.0000,
0.9407

■ 54.6876, 57.4604,
102.8164

■ 54.6876, 57.4604,
102.8164

■ 46.5495, 48.2877,
101.4748

■ 64.2293, 67.8682,
104.3224

■ 39.7370, 40.2917,
100.2905

■ 75.2369, 79.5532,
105.9976

■ 34.1717, 33.4180,
99.2570

■ 87.7748, 92.5633,
107.8480

■ 29.7640, 27.6046,
98.3672

■ 95.0500, 100.0000,
108.9000

■ 26.4105, 22.7813,
97.6130

■ 23.9855, 18.8658,
96.9850

■ 23.0850, 17.2900,
96.7283

Harmonies

Analogous

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



48.9823, 57.4604, 96.7785



54.6876, 57.4604, 102.8164



60.7985, 57.4604, 96.4984

Triad

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



54.6876, 57.4604, 102.8164



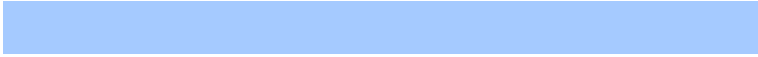
65.4447, 57.4604, 46.9906



44.9858, 57.4604, 47.2912

Complementary

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



54.6876, 57.4604, 102.8164



73.1034, 74.1198, 46.0528

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.



48.8645, 57.4604, 37.6955



54.6876, 57.4604, 102.8164



60.6624, 57.4604, 37.5462

Square

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



54.6876, 57.4604, 102.8164



67.2868, 57.4604, 62.3553



54.5412, 57.4604, 34.4861



43.6422, 57.4604, 62.7744

Rectangle

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



54.6876, 57.4604, 102.8164



64.2156, 57.4604, 86.7029



54.5412, 57.4604, 34.4861



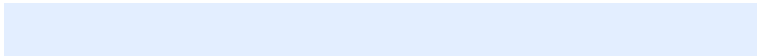
46.0213, 57.4604, 43.3820

Sweetspot

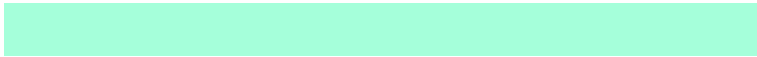
The Sweet Spot groups the original color and five complimentary colors.



54.6893, 57.4625, 102.8167



80.4279, 84.9729, 106.7702



63.8676, 84.5557, 78.9430



16.8573, 17.8156, 22.8002



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.



54.6893, 57.4625, 102.8167



49.0793, 51.1758, 101.8989



48.6299, 42.9595, 100.3367



17.6163, 18.6043, 22.9125



12.2007, 9.3110, 50.5887



1.2924, 1.1154, 4.9605

Inverse Universe

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



65.3570, 52.4362, 62.5559



61.3211, 46.2112, 55.5171



81.0864, 94.1020, 49.4890



18.3190, 18.1109, 20.2969



22.9466, 11.6679, 8.3690



2.2869, 1.1571, 1.0924

Previews

White Background



This preview shows how the XYZ color 54.6876, 57.4604, 102.8164 looks on a white background.

Color Contrast Check

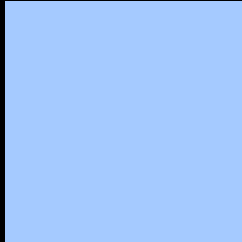
Large Text (above 18pt) WCAG AA × Fail

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 54.6876, 57.4604, 102.8164 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

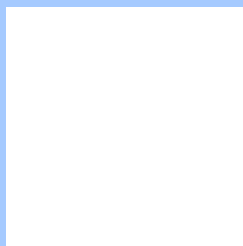
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6876, 57.4604, 102.8164

Background



This preview shows how black text looks on a background with the XYZ color 54.6876, 57.4604, 102.8164.



This preview shows how white text looks on a background with the XYZ color 54.6876, 57.4604,

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

54.6876, 57.4604, 102.8164

Protanopia

57.6285, 57.3366, 99.2965

Deuteranopia

58.5290, 57.3912, 102.6005



Tritanopia

49.8679, 57.2766, 78.9482

Trichromacy



Original Color

54.6876, 57.4604, 102.8164

Protanomaly

56.3542, 57.3401, 100.1930

Deuteranomaly

57.0665, 57.3115, 102.6622

Tritanomaly

51.5247, 57.2379, 86.9296

Monochromacy



Original Color

54.6876, 57.4604, 102.8164

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0859, 56.2231, 74.3839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6876, 57.4604, 102.8164 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(165, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 202, 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(165, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.6876, 57.4604, 102.8164 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(165, 202, 255) }
```


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

```
.border{ border-color:rgb(165, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6876, 57.4604, 102.8164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 202, 255) }
```

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

```
.background{ background-color: rgb(165,  
202, 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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