

Converting Colors

XYZ(54.3339, 57.5376,
101.2989)

Have a look what the booklet for
XYZ(54.3339, 57.5376, 101.2989)
contains.

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Color

**XYZ(54.3954, 57.6962,
101.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CBFD
RGB	164, 203, 253
RGB Percent	64%, 80%, 99%
CMY	0.3568, 0.2039, 0.0078
CMYK	0.35, 0.20, 0.00, 0.01
HSL	214°, 96%, 82%
HSV	214°, 35%, 99%
XYZ	54.3954, 57.6962, 101.1980
YIQ	197.0390, -39.2940, 7.2820

Conversions

Conversions Part 2

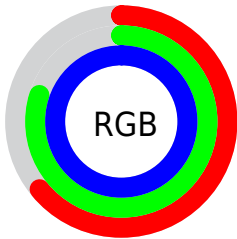
Format	Color
RYB	164, 191, 253
Decimal	10800125
CIELab	80.57, -1.12, -28.68
CIELCh	81, 28.702, 267.755
Yxy	57.6962, 0.2550, 0.2705
Android (android.graphics.Color)	4288990205 (0xFFA4CBFD)
YUV	197.0390, 27.5888, -28.9752
Hunter-Lab	75.9580, -5.0983, -25.8208

Details

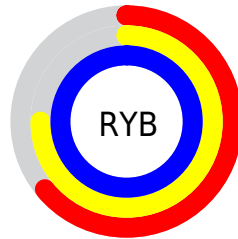
The XYZ color **54.3954, 57.6962, 101.1980** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.2566, 71.6573, 45.1995**, and the grayscale version is **52.9517, 55.7093, 60.6675**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **27.0179, 28.7316, 56.3463** is the 20% darker color. If you saturate the color by 10%, you get **46.4804, 48.8605, 99.9107**, and if you desaturate by 10%, it is **63.6604, 67.6873, 102.6392**.

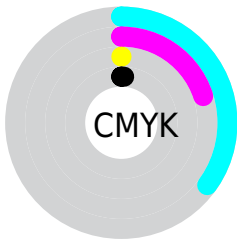
Distribution



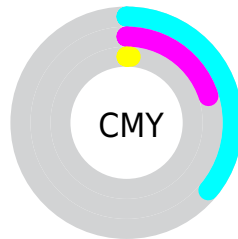
- Red (64%)
- Green (80%)
- Blue (99%)



- Red (64%)
- Yellow (75%)
- Blue (99%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (36%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3954, 57.6962, 101.1980 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 54.3954, 57.6962, 101.1980 by changing the saturation by 10% instead.

■ 54.3954, 57.6962,
101.1980

■ 54.3954, 57.6962,
101.1980

393.7898,
416.0530, 585.3062

■ 39.1498, 41.5645,
76.6790

■ 95.8081, 101.4803,
164.8687

■ 27.0575, 28.7604,
56.4794

■ 122.7058,
129.9015, 204.8575

■ 17.7532, 18.8996,
40.1809

154.2183,
163.1879, 250.8400

■ 10.8716, 11.5978,
27.3647

190.7110,
201.7240, 303.2347

■ 6.0472, 6.4704,
17.6125

232.5491,
245.8942, 362.4601

■ 2.9147, 3.1332,
10.5056

280.0980,

■ 1.1088, 1.2017,

296.0828, 428.9348

5.6255

333.7231,
352.6743, 503.0773

■ 0.0325, 0.0631,
2.5536

■ 0.0000, 0.0000,
0.8684

■ 54.3954, 57.6962,
101.1980

■ 54.3954, 57.6962,
101.1980

■ 46.4804, 48.8605,
99.9107

■ 63.6604, 67.6873,
102.6392

■ 39.8397, 41.1250,
98.7676

■ 74.3346, 78.8721,
104.2355

■ 34.3981, 34.4396,
97.7640

■ 86.4800, 91.2954,
105.9933

■ 30.0693, 28.7464,
96.8933

94.7298, 99.8719,
107.2139

■ 26.7537, 23.9800,
96.1480

■ 24.3302, 20.0634,
95.5198

■ 23.3998, 18.4320,
95.2539

Harmonies

Analogous

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



49.0060, 57.6962, 94.5004



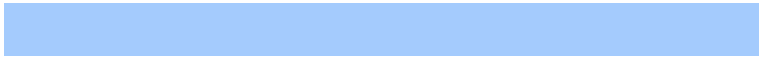
54.3954, 57.6962, 101.1980



60.2929, 57.6962, 96.1809

Triad

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



54.3954, 57.6962, 101.1980



65.5024, 57.6962, 48.8736



45.7926, 57.6962, 47.0330

Complementary

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



54.3954, 57.6962, 101.1980



71.2566, 71.6573, 45.1995

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.



49.7234, 57.6962, 38.2337



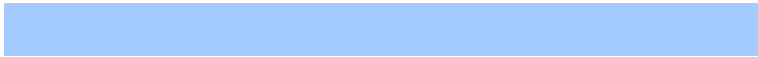
54.3954, 57.6962, 101.1980



61.1164, 57.6962, 39.1549

Square

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



54.3954, 57.6962, 101.1980



66.9728, 57.6962, 64.1024



55.2840, 57.6962, 35.6286



44.2662, 57.6962, 61.5575

Rectangle

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



54.3954, 57.6962, 101.1980



63.6723, 57.6962, 87.2925



55.2840, 57.6962, 35.6286



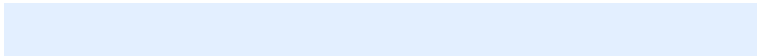
46.8621, 57.6962, 43.4130

Sweetspot

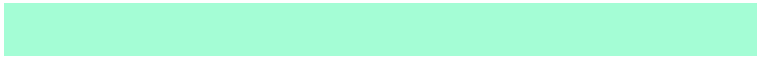
The Sweet Spot groups the original color and five complimentary colors.



54.3973, 57.6984, 101.1993



80.6501, 85.4175, 106.8442



62.4405, 82.9459, 75.6384



16.9102, 17.9213, 22.8178



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.



54.3973, 57.6984, 101.1993



49.7222, 52.4617, 102.1132



47.2513, 42.0190, 98.5496



17.6579, 18.6875, 22.9263



12.5869, 10.0835, 50.7175



1.3321, 1.1948, 4.9737

Inverse Universe

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



64.5645, 51.7472, 63.0874



61.6456, 46.3410, 57.2261



80.7340, 92.9892, 48.8175



18.3400, 18.1193, 20.4075



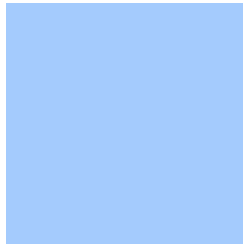
23.1415, 11.7459, 9.3956



2.3070, 1.1652, 1.1979

Previews

White Background



This preview shows how the XYZ color 54.3954, 57.6962, 101.1980 looks on a white background.

Color Contrast Check

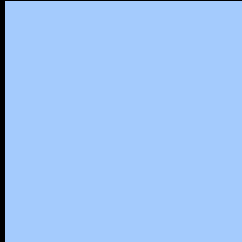
Large Text (above 18pt) WCAG AA × Fail

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 54.3954, 57.6962, 101.1980 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

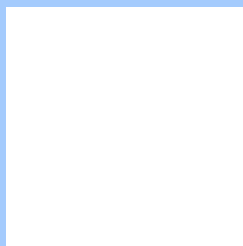
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3954, 57.6962, 101.1980

Background



This preview shows how black text looks on a background with the XYZ color 54.3954, 57.6962, 101.1980.



This preview shows how white text looks on a background with the XYZ color 54.3954, 57.6962,

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

54.3954, 57.6962, 101.1980

Protanopia

57.5587, 57.3369, 97.6560

Deuteranopia

59.0251, 57.6470, 102.6238



Tritanopia

50.0511, 57.7161, 79.7365

Trichromacy



Original Color

54.3954, 57.6962, 101.1980

Protanomaly

56.2691, 57.3327, 98.5431

Deuteranomaly

57.3689, 57.8264, 101.9039

Tritanomaly

51.5639, 57.6144, 87.0002

Monochromacy



Original Color

54.3954, 57.6962, 101.1980

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9554, 56.1709, 73.6967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3954, 57.6962, 101.1980 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(164, 203, 253)` looks like.

```
.text, #text, p{  
    color:rgb(164, 203, 253)  
}
```

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(164, 203, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 203, 253) }
```

Border

The CSS property to change the border of an element to XYZ 54.3954, 57.6962, 101.1980 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(164, 203, 253) }
```


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

```
.border{ border-color:rgb(164, 203, 253) }
```

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

Here you see how a box with a 4 pixel rgb(164, 203, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 203, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 203, 253);  
box-shadow:4px 4px 4px 4px rgb(164, 203,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3954, 57.6962, 101.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 203, 253) }
```

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

```
.background{ background-color: rgb(164,  
203, 253) }
```

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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