

# Converting Colors

XYZ(54.2858, 57.5713,  
102.8589)

Have a look what the booklet for  
XYZ(54.2858, 57.5713, 102.8589)  
contains.

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# **Color**

**XYZ(54.3062, 57.6133,  
102.8660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2CBFF
RGB	162, 203, 255
RGB Percent	64%, 80%, 100%
CMY	0.3647, 0.2039, 0.0000
CMYK	0.36, 0.20, 0.00, 0.00
HSL	214°, 100%, 82%
HSV	214°, 36%, 100%
XYZ	54.3062, 57.6133, 102.8660
YIQ	196.6690, -41.1280, 7.4800

# Conversions

## Conversions Part 2

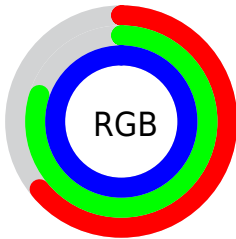
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	162, 190, 255
Decimal	10669055
CIE Lab	80.52, -1.15, -29.83
CIE LCh	81, 29.849, 267.789
Yxy	57.6133, 0.2528, 0.2682
Android (android.graphics.Color)	4288859135 (0xFFA2CBFF)
YUV	196.6690, 28.7572, -30.4047
Hunter-Lab	75.9034, -5.1206, -27.2187

# Details

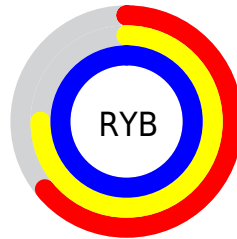
The XYZ color **54.3062, 57.6133, 102.8660** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8085, 71.9619, 44.2895**, and the grayscale version is **52.7229, 55.4686, 60.4053**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **27.0039, 28.6979, 57.5421** is the 20% darker color. If you saturate the color by 10%, you get **46.4284, 48.7826, 101.5767**, and if you desaturate by 10%, it is **63.5473, 67.6090, 104.3083**.

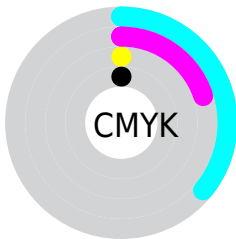
# Distribution



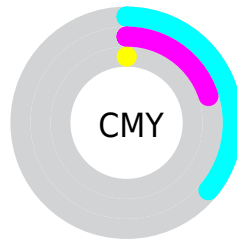
- Red (64%)
- Green (80%)
- Blue (100%)



- Red (64%)
- Yellow (75%)
- Blue (100%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3062, 57.6133, 102.8660 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 54.3062, 57.6133, 102.8660 by changing the saturation by 10% instead.



■ 54.3062, 57.6133,  
102.8660

■ 54.3062, 57.6133,  
102.8660

393.4559,  
415.7435, 590.6677

■ 39.0782, 41.4978,  
78.0660

■ 95.6779, 101.3595,  
167.1763

■ 27.0015, 28.7083,  
57.6114

■ 122.5524,  
129.7591, 207.5237

■ 17.7110, 18.8603,  
41.0837

154.0396,  
163.0221, 253.8907

■ 10.8411, 11.5694,  
28.0643

190.5051,  
201.5330, 306.6957

■ 6.0266, 6.4512,  
18.1347

232.3141,  
245.6762, 366.3574

■ 2.9021, 3.1213,  
10.8763

279.8320,

■ 1.1022, 1.1954,

295.8361, 433.2943

5.8706

333.4241,  
352.3971, 507.9249

■ 0.0269, 0.0579,  
2.6990

■ 0.0000, 0.0000,  
0.9429

■ 54.3062, 57.6133,  
102.8660

■ 54.3062, 57.6133,  
102.8660

■ 46.4284, 48.7826,  
101.5767

■ 63.5473, 67.6090,  
104.3083

■ 39.8366, 41.0610,  
100.4337

■ 74.2131, 78.8095,  
105.9080

■ 34.4531, 34.3967,  
99.4311

■ 86.3671, 91.2602,  
107.6707

■ 30.1885, 28.7304,  
98.5621

■ 95.0500, 100.0000,  
108.9000

■ 26.9392, 23.9943,  
97.8192

■ 24.5775, 20.1077,  
97.1935

■ 23.8911, 18.9021,  
96.9970

# Harmonies

## Analogous

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



48.7145, 57.6133, 95.8429



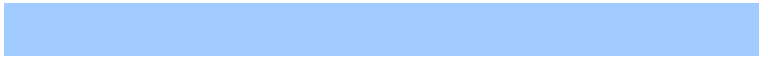
54.3062, 57.6133, 102.8660



60.4403, 57.6133, 97.5810

# Triad

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



54.3062, 57.6133, 102.8660



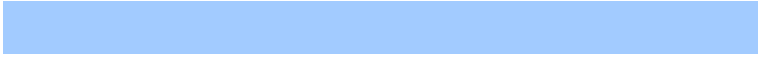
65.8621, 57.6133, 48.2738



45.3809, 57.6133, 46.4041

# Complementary

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



54.3062, 57.6133, 102.8660



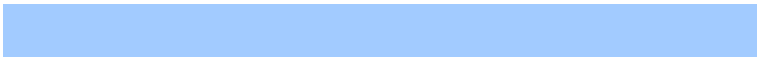
71.8085, 71.9619, 44.2895

# 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.



49.4467, 57.6133, 37.3575



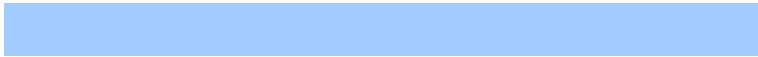
54.3062, 57.6133, 102.8660



61.2854, 57.6133, 38.2870

# Square

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



54.3062, 57.6133, 102.8660



67.4013, 57.6133, 64.0426



55.2157, 57.6133, 34.6862



43.8067, 57.6133, 61.4377



# Rectangle

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



54.3062, 57.6133, 102.8660



63.9613, 57.6133, 88.2518



55.2157, 57.6133, 34.6862



46.4859, 57.6133, 42.6760

# Sweetspot

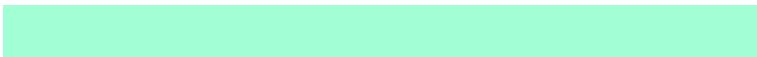
The Sweet Spot groups the original color and five complimentary colors.



54.3079, 57.6154, 102.8663



80.6721, 85.4613, 106.8516



62.6906, 84.0136, 75.9639



16.9154, 17.9317, 22.8196



0.0000, 0.0000, 0.0000

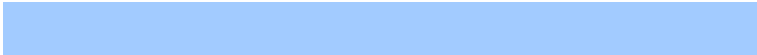


20.3446, 21.4041, 23.3091



# Same Dimension

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



54.3079, 57.6154, 102.8663



48.2513, 50.8583, 101.8813



46.8342, 41.2398, 100.0994



17.6620, 18.6957, 22.9277



12.6266, 10.1627, 50.7307



1.3361, 1.2029, 4.9750



# Inverse Universe

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



64.9409, 51.4140, 63.0034



60.5765, 44.6625, 55.4522



81.8319, 94.5175, 48.1149



18.3421, 18.1201, 20.4184



23.1615, 11.7539, 9.5009

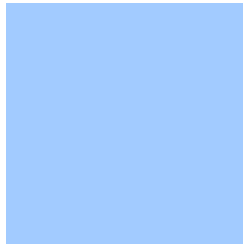


2.3090, 1.1660, 1.2086



# Previews

## White Background



This preview shows how the XYZ color 54.3062, 57.6133, 102.8660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

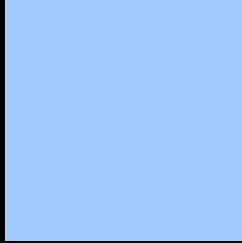
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.3062, 57.6133, 102.8660 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

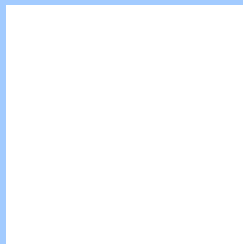
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 54.3062, 57.6133, 102.8660

## Background



This preview shows how black text looks on a background with the XYZ color 54.3062, 57.6133, 102.8660.



This preview shows how white text looks on a background with the XYZ color 54.3062, 57.6133,



# 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

54.3062, 57.6133, 102.8660

### Protanopia

57.6285, 57.3366, 99.2965

### Deuteranopia

58.7762, 57.5187, 102.6121



## Tritanopia

49.6641, 57.5166, 79.7184

# Trichromacy



## Original Color

54.3062, 57.6133, 102.8660

## Protanomaly

56.1256, 57.2222, 100.1823

## Deuteranomaly

57.0638, 57.6506, 102.7278

## Tritanomaly

51.3122, 57.4678, 87.7448

# Monochromacy



## Original Color

54.3062, 57.6133, 102.8660

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

52.8455, 56.0992, 74.3726

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3062, 57.6133, 102.8660 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(162, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 203, 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(162, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 203, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3062, 57.6133, 102.8660 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(162, 203, 255) }
```



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

```
.border{ border-color:rgb(162, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 203,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3062, 57.6133, 102.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 203, 255) }
```

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

```
.background{ background-color: rgb(162,  
203, 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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