

Converting Colors

XYZ(57.3409, 58.8968,
120.9721)

Have a look what the booklet for
XYZ(57.3409, 58.8968, 120.9721)
contains.

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Color

**XYZ(53.9031, 57.4055,
102.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CBFF
RGB	160, 203, 255
RGB Percent	63%, 80%, 100%
CMY	0.3725, 0.2039, 0.0000
CMYK	0.37, 0.20, 0.00, 0.00
HSL	213°, 100%, 81%
HSV	213°, 37%, 100%
XYZ	53.9031, 57.4055, 102.8471
YIQ	196.0710, -42.3200, 7.0560

Conversions

Conversions Part 2

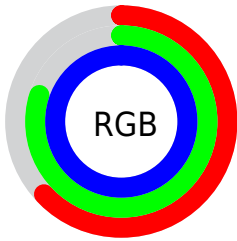
Format	Color
R_{YB}	160, 190, 255
Decimal	10537983
CIE _{Lab}	80.41, -1.68, -30.01
CIE _{LCh}	80, 30.062, 266.796
Yxy	57.4055, 0.2517, 0.2681
Android (android.graphics.Color)	4288728063 (0xFFA0CBFF)
YUV	196.0710, 29.0520, -31.6343
Hunter-Lab	75.7664, -5.5996, -27.4451

Details

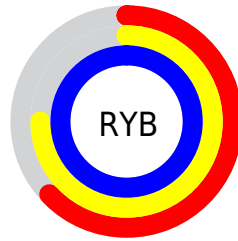
The XYZ color **53.9031, 57.4055, 102.8471** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.1290, 70.8852, 43.1927**, and the grayscale version is **52.3628, 55.0898, 59.9928**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **26.7662, 28.5754, 57.5309** is the 20% darker color. If you saturate the color by 10%, you get **46.1696, 48.7450, 101.5831**, and if you desaturate by 10%, it is **62.9822, 67.2028, 104.2597**.

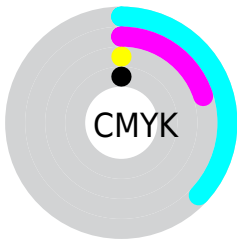
Distribution



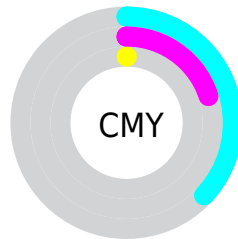
- Red (63%)
- Green (80%)
- Blue (100%)



- Red (63%)
- Yellow (75%)
- Blue (100%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9031, 57.4055, 102.8471 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 53.9031, 57.4055, 102.8471 by changing the saturation by 10% instead.

■ 53.9031, 57.4055,
102.8471

■ 53.9031, 57.4055,
102.8471

391.9448,
414.9670, 590.6071

■ 38.7546, 41.3309,
78.0503

■ 95.0897, 101.0566,
167.1502

■ 26.7487, 28.5777,
57.5986

■ 121.8584,
129.4019, 207.4935

■ 17.5202, 18.7616,
41.0735

153.2313,
162.6063, 253.8561

■ 10.7037, 11.4982,
28.0564

189.5736,
201.0540, 306.6566

■ 5.9338, 6.4030,
18.1287

231.2508,
245.1296, 366.3133

■ 2.8451, 3.0916,
10.8721

278.6281,

■ 1.0724, 1.1797,

295.2173, 433.2450

5.8678

332.0710,
351.7017, 507.8701

■ 0.0018, 0.0451,
2.6974

■ 0.0000, 0.0000,
0.9421

■ 53.9031, 57.4055,
102.8471

■ 53.9031, 57.4055,
102.8471

■ 46.1696, 48.7450,
101.5831

■ 62.9822, 67.2028,
104.2597

■ 39.7044, 41.1660,
100.4609

■ 73.4682, 78.1757,
105.8250

■ 34.4298, 34.6177,
99.4750

■ 85.4245, 90.3691,
107.5484

■ 30.2559, 29.0413,
98.6186

95.0500, 100.0000,
108.9000

■ 27.0787, 24.3696,
97.8844

■ 24.7654, 20.5206,
97.2633

■ 24.2294, 19.5788,
97.1098

Harmonies

Analogous

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



48.3311, 57.4055, 95.3915



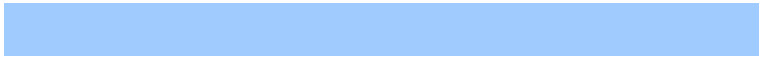
53.9031, 57.4055, 102.8471



60.0766, 57.4055, 97.9259

Triad

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



53.9031, 57.4055, 102.8471



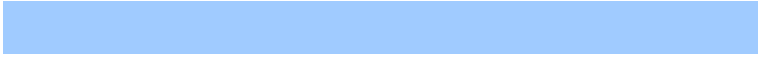
65.8293, 57.4055, 48.4288



45.2418, 57.4055, 45.7120

Complementary

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



53.9031, 57.4055, 102.8471



71.1290, 70.8852, 43.1927

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.



49.3961, 57.4055, 36.8574



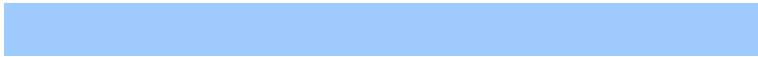
53.9031, 57.4055, 102.8471



61.3071, 57.4055, 38.2063

Square

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



53.9031, 57.4055, 102.8471



67.2597, 57.4055, 64.4193



55.2267, 57.4055, 34.3910



43.5727, 57.4055, 60.6286

Rectangle

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



53.9031, 57.4055, 102.8471



63.6569, 57.4055, 88.7147



55.2267, 57.4055, 34.3910



46.3778, 57.4055, 42.0440

Sweetspot

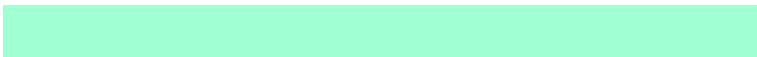
The Sweet Spot groups the original color and five complimentary colors.



53.9048, 57.4076, 102.8474



80.7690, 85.6552, 106.8839



61.9743, 83.6805, 74.2959



16.9385, 17.9778, 22.8273



0.0000, 0.0000, 0.0000



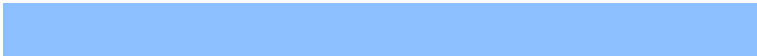
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9048, 57.4076, 102.8474



47.7991, 50.6006, 101.8554



45.7606, 40.1674, 99.9490



17.6802, 18.7320, 22.9337



12.8049, 10.5195, 50.7901



1.3542, 1.2390, 4.9811

Inverse Universe

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



64.5914, 50.7149, 62.8869



60.1903, 43.9036, 55.2824



82.1901, 94.7226, 47.2108



18.3512, 18.1238, 20.4667



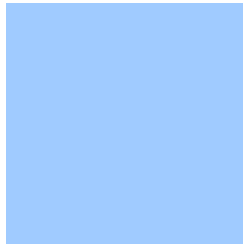
23.2515, 11.7899, 9.9750



2.3181, 1.1696, 1.2567

Previews

White Background



This preview shows how the XYZ color 53.9031, 57.4055, 102.8471 looks on a white background.

Color Contrast Check

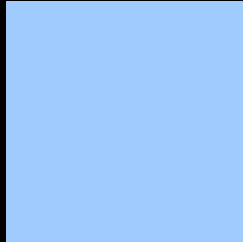
Large Text (above 18pt) WCAG AA × Fail

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 53.9031, 57.4055, 102.8471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

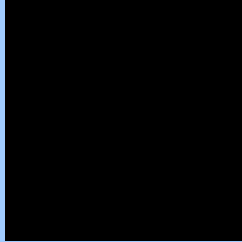
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

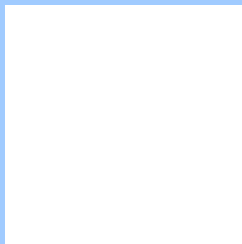
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9031, 57.4055, 102.8471

Background



This preview shows how black text looks on a background with the XYZ color 53.9031, 57.4055, 102.8471.



This preview shows how white text looks on a background with the XYZ color 53.9031, 57.4055,

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

53.9031, 57.4055, 102.8471

Protanopia

57.6285, 57.3366, 99.2965

Deuteranopia

58.5290, 57.3912, 102.6005



Tritanopia

49.2834, 57.3203, 79.7006

Trichromacy



Original Color

53.9031, 57.4055, 102.8471

Protanomaly

56.1256, 57.2222, 100.1823

Deuteranomaly

56.8335, 57.5318, 102.7170

Tritanomaly

50.9219, 57.2667, 87.7266

Monochromacy



Original Color

53.9031, 57.4055, 102.8471

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4762, 55.9239, 73.6742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9031, 57.4055, 102.8471 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(160, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9031, 57.4055, 102.8471 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(160, 203, 255) }
```


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

```
.border{ border-color:rgb(160, 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(160, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9031, 57.4055, 102.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 203, 255) }
```

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

```
.background{ background-color: rgb(160,  
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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