

Converting Colors

XYZ(54.9527, 58.2982,
102.9641)

Have a look what the booklet for
XYZ(54.9527, 58.2982, 102.9641)
contains.

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Color

**XYZ(54.9527, 58.2982,
102.9641)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CCFF
RGB	164, 204, 255
RGB Percent	64%, 80%, 100%
CMY	0.3568, 0.2000, 0.0000
CMYK	0.36, 0.20, 0.00, 0.00
HSL	214°, 100%, 82%
HSV	214°, 36%, 100%
XYZ	54.9527, 58.2982, 102.9641
YIQ	197.8540, -40.2110, 7.3810

Conversions

Conversions Part 2

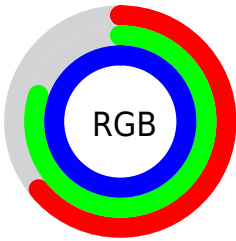
Format	Color
RYB	164, 192, 255
Decimal	10800383
CIELab	80.90, -1.15, -29.23
CIElCh	81, 29.255, 267.739
Yxy	58.2982, 0.2542, 0.2696
Android (android.graphics.Color)	4288990463 (0xFFA4CCFF)
YUV	197.8540, 28.1730, -29.6900
Hunter-Lab	76.3533, -5.1488, -26.5066

Details

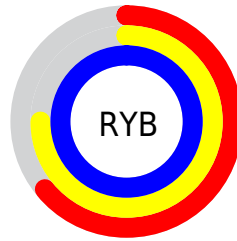
The XYZ color **54.9527, 58.2982, 102.9641** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.2418, 72.5416, 45.3183**, and the grayscale version is **53.4412, 56.2243, 61.2283**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **27.4061, 29.1411, 57.6064** is the 20% darker color. If you saturate the color by 10%, you get **46.9661, 49.3690, 101.6615**, and if you desaturate by 10%, it is **64.3094, 68.3990, 104.4206**.

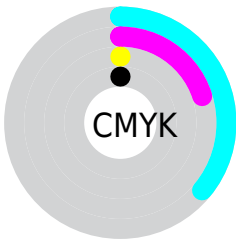
Distribution



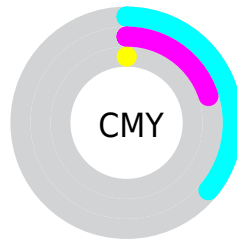
- Red (64%)
- Green (80%)
- Blue (100%)



- 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 54.9527, 58.2982, 102.9641 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 54.9527, 58.2982, 102.9641 by changing the saturation by 10% instead.

■ 54.9527, 58.2982,
102.9641

■ 54.9527, 58.2982,
102.9641

395.8719,
418.2962, 590.9823

■ 39.5975, 42.0484,
78.1476

■ 96.6204, 102.3570,
167.3119

■ 27.4077, 29.1392,
57.6781

■ 123.6636,
130.9348, 207.6803

■ 18.0178, 19.1862,
41.1369

155.3336,
164.3907, 254.0698

■ 11.0626, 11.8049,
28.1056

191.9956,
203.1092, 306.8989

■ 6.1765, 6.6110,
18.1655

234.0152,
247.4746, 366.5862

■ 2.9944, 3.2200,
10.8982

281.7575,

■ 1.1508, 1.2476,

297.8713, 433.5501

5.8851

335.5879,
354.6837, 508.2093

■ 0.0670, 0.1001,
2.7077

■ 0.0000, 0.0000,
0.9473

■ 54.9527, 58.2982,
102.9641

■ 54.9527, 58.2982,
102.9641

■ 46.9661, 49.3690,
101.6615

■ 64.3094, 68.3990,
104.4206

■ 40.2728, 41.5554,
100.5061

■ 75.0972, 79.7110,
106.0355

■ 34.7955, 34.8061,
99.4921

■ 87.3795, 92.2794,
107.8141

■ 30.4457, 29.0620,
98.6126

■ 95.0500, 100.0000,
108.9000

■ 27.1212, 24.2561,
97.8602

■ 24.6970, 20.3090,
97.2261

■ 23.8543, 18.8285,
96.9848

Harmonies

Analogous

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



49.4256, 58.2982, 96.0544



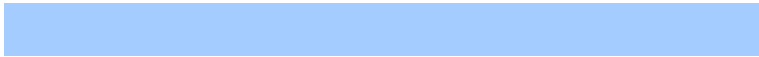
54.9527, 58.2982, 102.9641



61.0084, 58.2982, 97.7985

Triad

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



54.9527, 58.2982, 102.9641



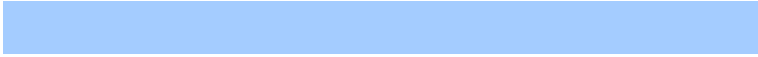
66.3674, 58.2982, 49.1874



46.1369, 58.2982, 47.2904

Complementary

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



54.9527, 58.2982, 102.9641



72.2418, 72.5416, 45.3183

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.



50.1663, 58.2982, 38.3023



54.9527, 58.2982, 102.9641



61.8605, 58.2982, 39.2492

Square

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



54.9527, 58.2982, 102.9641



67.8775, 58.2982, 64.8012



55.8712, 58.2982, 35.6483



44.5722, 58.2982, 62.1706

Rectangle

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



54.9527, 58.2982, 102.9641



64.4818, 58.2982, 88.6449



55.8712, 58.2982, 35.6483



47.2329, 58.2982, 43.5898

Sweetspot

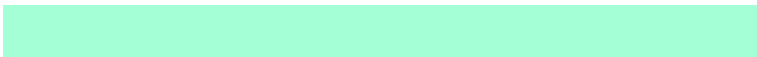
The Sweet Spot groups the original color and five complimentary colors.



54.9544, 58.3004, 102.9644



80.6613, 85.4399, 106.8480



63.2149, 84.2706, 76.5871



16.9129, 17.9266, 22.8187



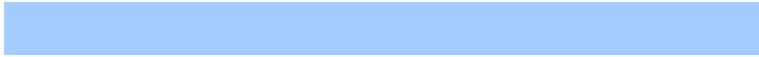
0.0000, 0.0000, 0.0000



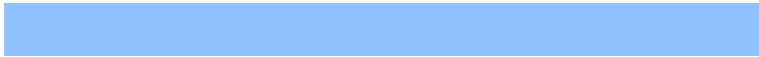
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9544, 58.3004, 102.9644



48.9805, 51.6548, 101.9966



47.5928, 42.1581, 100.2367



17.6600, 18.6917, 22.9270



12.6072, 10.1239, 50.7242



1.3341, 1.1989, 4.9744

Inverse Universe

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



65.4157, 52.1722, 63.7514



61.1060, 45.4928, 56.3343



82.0471, 94.6078, 49.0607



18.3410, 18.1197, 20.4131



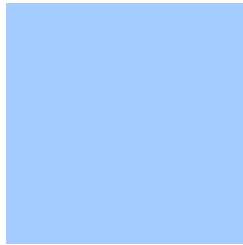
23.1517, 11.7500, 9.4493



2.3080, 1.1656, 1.2034

Previews

White Background



This preview shows how the XYZ color 54.9527, 58.2982, 102.9641 looks on a white background.

Color Contrast Check

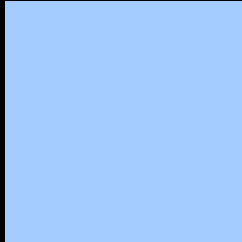
Large Text (above 18pt) WCAG AA × Fail

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 54.9527, 58.2982, 102.9641 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

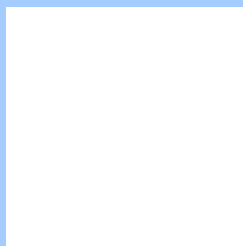
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9527, 58.2982, 102.9641

Background



This preview shows how black text looks on a background with the XYZ color 54.9527, 58.2982, 102.9641.



This preview shows how white text looks on a background with the XYZ color 54.9527, 58.2982,

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

54.9527, 58.2982, 102.9641

Protanopia

58.3457, 58.0446, 99.3954

Deuteranopia

59.2515, 58.0997, 102.6992



Tritanopia

50.4326, 58.2600, 80.5387

Trichromacy



Original Color

54.9527, 58.2982, 102.9641

Protanomaly

56.8154, 57.9205, 100.2808

Deuteranomaly

57.7603, 58.3523, 102.8266

Tritanomaly

52.0961, 58.2137, 88.6114

Monochromacy



Original Color

54.9527, 58.2982, 102.9641

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6902, 56.8621, 75.1635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9527, 58.2982, 102.9641 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, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 204, 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(164, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.9527, 58.2982, 102.9641 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, 204, 255) }
```


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

```
.border{ border-color:rgb(164, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9527, 58.2982, 102.9641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 204, 255) }
```

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

```
.background{ background-color: rgb(164,  
204, 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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