

Converting Colors

XYZ(52.0791, 57.1755,
102.8988)

Have a look what the booklet for
XYZ(52.0791, 57.1755, 102.8988)
contains.

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Color

**XYZ(52.0941, 57.1785,
102.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	94CDFF
RGB	148, 205, 255
RGB Percent	58%, 80%, 100%
CMY	0.4196, 0.1961, 0.0000
CMYK	0.42, 0.20, 0.00, 0.00
HSL	208°, 100%, 79%
HSV	208°, 42%, 100%
XYZ	52.0941, 57.1785, 102.8987
YIQ	193.6570, -50.0220, 3.4660

Conversions

Conversions Part 2

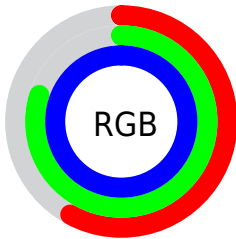
Format	Color
R_{YB}	148, 185, 255
Decimal	9752063
CIE _{Lab}	80.28, -5.81, -30.27
CIE _{LCh}	80, 30.820, 259.126
Y _{xy}	57.1785, 0.2455, 0.2695
Android (android.graphics.Color)	4287942143 (0xFF94CDFF)
YUV	193.6570, 30.2421, -40.0412
Hunter-Lab	75.6165, -9.3556, -27.7502

Details

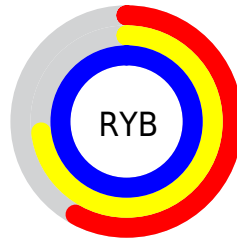
The XYZ color **52.0941, 57.1785, 102.8987** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7802, 63.7873, 36.8116**, and the grayscale version is **50.9253, 53.5774, 58.3458**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **25.5740, 28.4346, 57.5666** is the 20% darker color. If you saturate the color by 10%, you get **45.2371, 49.5732, 101.7921**, and if you desaturate by 10%, it is **60.1875, 65.7459, 104.1257**.

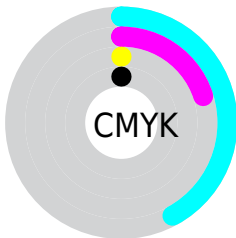
Distribution



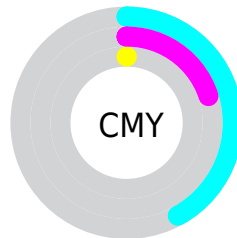
- Red (58%)
- Green (80%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0941, 57.1785, 102.8987 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 52.0941, 57.1785, 102.8987 by changing the saturation by 10% instead.

■ 52.0941, 57.1785,
102.8987

■ 52.0941, 57.1785,
102.8987

385.1178,
414.1178, 590.7726

■ 37.3047, 41.1486,
78.0932

■ 92.4434, 100.7256,
167.2215

■ 25.6182, 28.4352,
57.6337

■ 118.7340,
129.0116, 207.5759

■ 16.6694, 18.6540,
41.1015

149.5890,
162.1516, 253.9504

■ 10.0929, 11.4205,
28.0781

185.3738,
200.5302, 306.7635

■ 5.5233, 6.3504,
18.1450

226.4537,
244.5318, 366.4337

■ 2.5954, 3.0593,
10.8836

273.1941,

■ 0.9436, 1.1628,

294.5406, 433.3796

5.8754

325.9603,
350.9412, 508.0197

■ 0.0000, 0.0310,
2.7019

■ 0.0000, 0.0000,
0.9444

■ 52.0941, 57.1785,
102.8987

■ 52.0941, 57.1785,
102.8987

■ 45.2371, 49.5732,
101.7921

■ 60.1875, 65.7459,
104.1257

■ 39.5392, 42.8794,
100.8004

■ 69.5781, 75.3100,
105.4769

■ 34.9214, 37.0502,
99.9186

■ 80.3287, 85.9110,
106.9564

■ 31.2916, 32.0303,
99.1410

■ 92.4961, 97.5848,
108.5684

■ 28.5393, 27.7550,
98.4608

95.0500, 100.0000,
108.9000

■ 26.8321, 24.7842,
97.9774

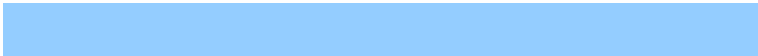
Harmonies

Analogous

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



46.8017, 57.1785, 92.3323



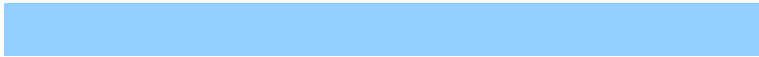
52.0941, 57.1785, 102.8987



58.4110, 57.1785, 101.1038

Triad

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



52.0941, 57.1785, 102.8987



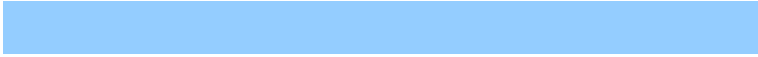
66.6078, 57.1785, 51.5729



45.6953, 57.1785, 42.2105

Complementary

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



52.0941, 57.1785, 102.8987



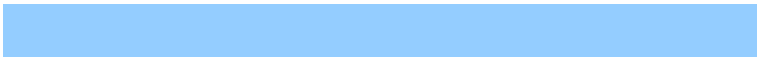
66.7802, 63.7873, 36.8116

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.



50.4750, 57.1785, 34.9058



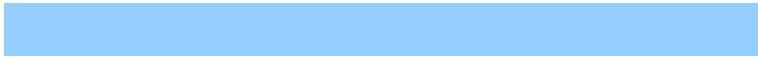
52.0941, 57.1785, 102.8987



62.6614, 57.1785, 39.5454

Square

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



52.0941, 57.1785, 102.8987



67.1256, 57.1785, 69.0313



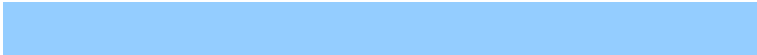
56.6628, 57.1785, 34.0350



43.3018, 57.1785, 55.9423

Rectangle

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



52.0941, 57.1785, 102.8987



62.3508, 57.1785, 93.2194



56.6628, 57.1785, 34.0350



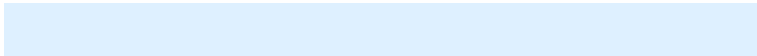
47.0583, 57.1785, 39.0451

Sweetspot

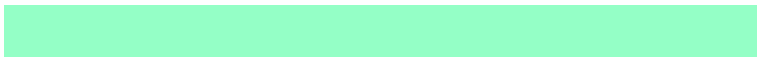
The Sweet Spot groups the original color and five complimentary colors.



52.0958, 57.1806, 102.8990



79.1442, 84.7578, 106.7963



58.1593, 81.8906, 66.1286



16.4135, 17.6266, 22.7871



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.



52.0958, 57.1806, 102.8990



46.4868, 50.9899, 101.9997



41.4225, 35.8340, 99.3412



17.8043, 18.9802, 22.9751



14.1713, 13.2523, 51.2456



1.4892, 1.5091, 5.0261

Inverse Universe

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



62.8505, 46.8493, 63.4899



58.7922, 40.5275, 56.6040



81.2185, 92.6638, 41.6243



18.4139, 18.1489, 20.7965



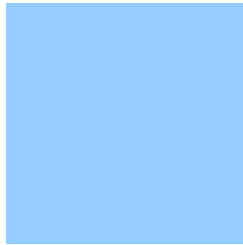
23.9412, 12.0658, 13.6069



2.3863, 1.1969, 1.6157

Previews

White Background



This preview shows how the XYZ color 52.0941, 57.1785, 102.8987 looks on a white background.

Color Contrast Check

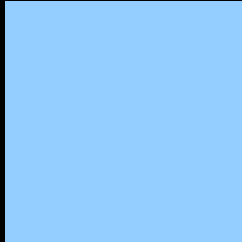
Large Text (above 18pt) WCAG AA × Fail

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 52.0941, 57.1785, 102.8987 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

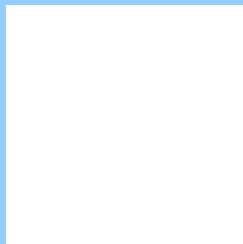
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0941, 57.1785, 102.8987

Background



This preview shows how black text looks on a background with the XYZ color 52.0941, 57.1785, 102.8987.



This preview shows how white text looks on a background with the XYZ color 52.0941, 57.1785,

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

52.0941, 57.1785, 102.8987

Protanopia

57.0885, 56.7585, 97.5691

Deuteranopia

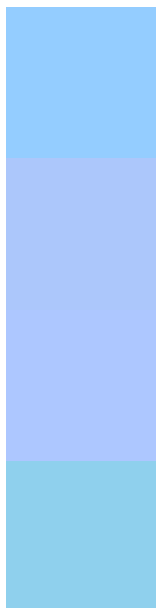
58.0586, 56.8150, 102.5141



Tritanopia

47.7269, 57.2147, 81.2011

Trichromacy



Original Color

52.0941, 57.1785, 102.8987

Protanomaly

54.8493, 56.5825, 99.2974

Deuteranomaly

55.7070, 56.9511, 102.6643

Tritanomaly

49.1696, 57.0658, 88.5441

Monochromacy



Original Color

52.0941, 57.1785, 102.8987

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7202, 54.6931, 72.8493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0941, 57.1785, 102.8987 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(148, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 205, 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(148, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0941, 57.1785, 102.8987 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(148, 205, 255) }
```


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

```
.border{ border-color:rgb(148, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0941, 57.1785, 102.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 205, 255) }
```

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

```
.background{ background-color: rgb(148,  
205, 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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