

Converting Colors

XYZ(59.9871, 60.9185,
139.0945)

Have a look what the booklet for
XYZ(59.9871, 60.9185, 139.0945)
contains.

XYZ(53.0702, 58.0380, 103.0131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0702, 58.0380,
103.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	98CEFF
RGB	152, 206, 255
RGB Percent	60%, 81%, 100%
CMY	0.4039, 0.1921, 0.0000
CMYK	0.40, 0.19, 0.00, 0.00
HSL	209°, 100%, 80%
HSV	209°, 40%, 100%
XYZ	53.0702, 58.0380, 103.0131
YIQ	195.4400, -47.9130, 3.7910

Conversions

Conversions Part 2

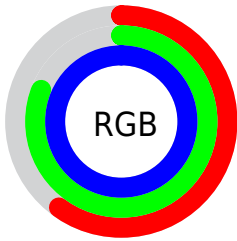
Format	Color
RYB	152, 187, 255
Decimal	10014463
CIELab	80.76, -5.34, -29.51
CIELCh	81, 29.992, 259.737
Yxy	58.0380, 0.2479, 0.2711
Android (android.graphics.Color)	4288204543 (0xFF98CEFF)
YUV	195.4400, 29.3631, -38.0969
Hunter-Lab	76.1827, -8.9734, -26.8432

Details

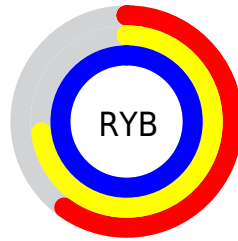
The XYZ color **53.0702, 58.0380, 103.0131** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.7948, 65.3009, 38.7389**, and the grayscale version is **51.9864, 54.6937, 59.5615**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **26.2451, 29.0205, 57.6443** is the 20% darker color. If you saturate the color by 10%, you get **45.9923, 50.2210, 101.8773**, and if you desaturate by 10%, it is **61.4028, 66.8389, 104.2727**.

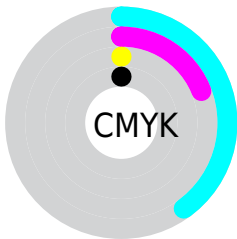
Distribution



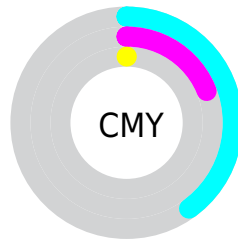
- Red (60%)
- Green (81%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0702, 58.0380, 103.0131 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 53.0702, 58.0380, 103.0131 by changing the saturation by 10% instead.

■ 53.0702, 58.0380,
103.0131

■ 53.0702, 58.0380,
103.0131

388.8108,
417.3275, 591.1393

■ 38.0865, 41.8392,
78.1884

■ 93.8726, 101.9782,
167.3796

■ 26.2274, 28.9754,
57.7114

■ 120.4220,
130.4884, 207.7585

■ 17.1274, 19.0622,
41.1635

151.5573,
163.8711, 254.1593

■ 10.4212, 11.7152,
28.1262

187.6440,
202.5109, 307.0004

■ 5.7435, 6.5501,
18.1810

229.0473,
246.7920, 366.7004

■ 2.7289, 3.1824,
10.9092

276.1327,

■ 1.0121, 1.2277,

297.0989, 433.6779

5.8924

329.2654,
353.8159, 508.3513

■ 0.0000, 0.0841,
2.7120

■ 0.0000, 0.0000,
0.9495

■ 53.0702, 58.0380,
103.0131

■ 53.0702, 58.0380,
103.0131

■ 45.9923, 50.2210,
101.8773

■ 61.4028, 66.8389,
104.2727

■ 40.0925, 43.3373,
100.8596

■ 71.0505, 76.6584,
105.6595

■ 35.2932, 37.3402,
99.9550

■ 82.0753, 87.5367,
107.1782

■ 31.5041, 32.1751,
99.1577

94.5338, 99.5099,
108.8326

■ 28.6177, 27.7783,
98.4612

95.0500, 100.0000,
108.9000

■ 26.5327, 24.1853,
97.8776

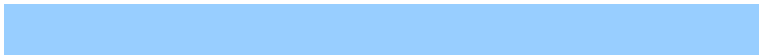
Harmonies

Analogous

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



47.8240, 58.0380, 92.9324



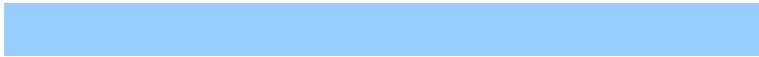
53.0702, 58.0380, 103.0131



59.2807, 58.0380, 101.0081

Triad

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



53.0702, 58.0380, 103.0131



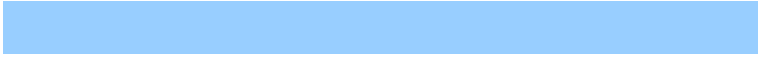
67.1401, 58.0380, 52.3683



46.5714, 58.0380, 43.6265

Complementary

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



53.0702, 58.0380, 103.0131



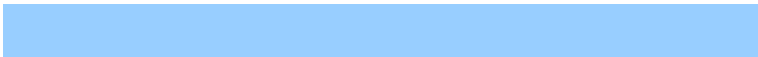
67.7948, 65.3009, 38.7389

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.



51.2413, 58.0380, 36.2358



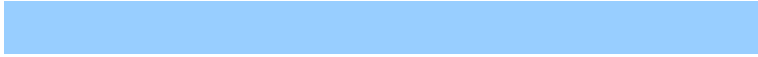
53.0702, 58.0380, 103.0131



63.2176, 58.0380, 40.5905

Square

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



53.0702, 58.0380, 103.0131



67.7217, 58.0380, 69.4622



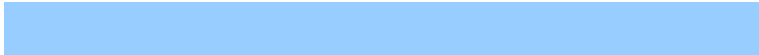
57.3109, 58.0380, 35.2394



44.2623, 58.0380, 57.3138

Rectangle

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



53.0702, 58.0380, 103.0131



63.1261, 58.0380, 93.1925



57.3109, 58.0380, 35.2394



47.9001, 58.0380, 40.4411

Sweetspot

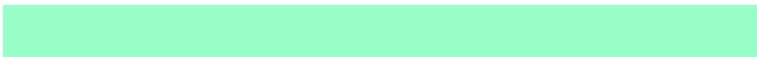
The Sweet Spot groups the original color and five complimentary colors.



53.0719, 58.0401, 103.0134



80.2053, 85.7127, 106.9247



59.1432, 82.3692, 67.4676



16.8482, 18.0336, 22.8428



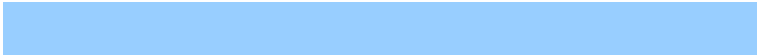
0.0000, 0.0000, 0.0000



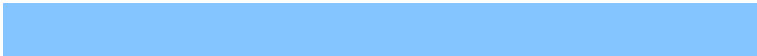
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0719, 58.0401, 103.0134



47.5744, 52.0033, 102.1379



42.7941, 37.4845, 99.5875



17.7912, 18.9539, 22.9707



14.0146, 12.9387, 51.1934



1.4740, 1.4787, 5.0210

Inverse Universe

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



63.6100, 48.1744, 64.3407



59.6248, 41.9465, 57.6406



81.5824, 92.8762, 43.3348



18.4072, 18.1462, 20.7616



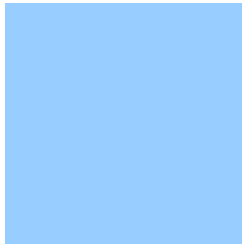
23.8621, 12.0341, 13.1902



2.3786, 1.1938, 1.5752

Previews

White Background



This preview shows how the XYZ color 53.0702, 58.0380, 103.0131 looks on a white background.

Color Contrast Check

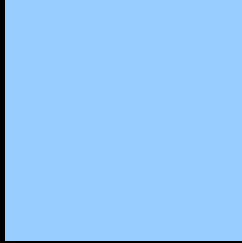
Large Text (above 18pt) WCAG AA × Fail

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 53.0702, 58.0380, 103.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

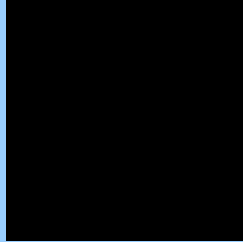
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

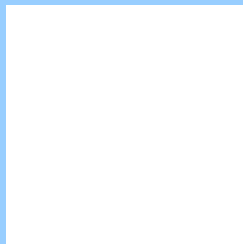
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0702, 58.0380, 103.0131

Background



This preview shows how black text looks on a background with the XYZ color 53.0702, 58.0380, 103.0131.



This preview shows how white text looks on a background with the XYZ color 53.0702, 58.0380,

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

53.0702, 58.0380, 103.0131

Protanopia

57.7865, 57.7925, 97.7319

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

48.9749, 58.2097, 82.0531

Trichromacy



Original Color

53.0702, 58.0380, 103.0131

Protanomaly

55.7548, 57.7370, 99.4725

Deuteranomaly

56.6088, 57.7587, 102.7727

Tritanomaly

50.4458, 58.0699, 89.4387

Monochromacy



Original Color

53.0702, 58.0380, 103.0131

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5382, 55.4403, 73.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0702, 58.0380, 103.0131 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(152, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 206, 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(152, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0702, 58.0380, 103.0131 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(152, 206, 255) }
```


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

```
.border{ border-color:rgb(152, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0702, 58.0380, 103.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 206, 255) }
```

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

```
.background{ background-color: rgb(152,  
206, 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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