

Converting Colors

XYZ(50.6070, 53.5394,
102.2746)

Have a look what the booklet for
XYZ(50.6070, 53.5394, 102.2746)
contains.

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Color

**XYZ(50.5939, 53.6365,
102.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	96C5FF
RGB	150, 197, 255
RGB Percent	59%, 77%, 100%
CMY	0.4117, 0.2274, 0.0000
CMYK	0.41, 0.23, 0.00, 0.00
HSL	213°, 100%, 79%
HSV	213°, 41%, 100%
XYZ	50.5939, 53.6365, 102.2940
YIQ	189.5590, -46.6300, 8.0740

Conversions

Conversions Part 2

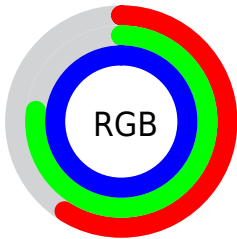
Format	Color
RYB	150, 182, 255
Decimal	9881087
CIELab	78.25, -1.03, -33.38
CIELCh	78, 33.398, 268.236
Yxy	53.6365, 0.2450, 0.2597
Android (android.graphics.Color)	4288071167 (0xFF96C5FF)
YUV	189.5590, 32.2624, -34.6932
Hunter-Lab	73.2369, -4.8524, -31.5477

Details

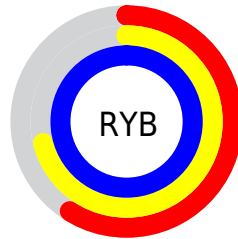
The XYZ color **50.5939, 53.6365, 102.2940** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.3016, 68.5745, 38.4397**, and the grayscale version is **48.5313, 51.0587, 55.6030**.

A 20% lighter version of the original color is **79.2239, 91.3690, 108.0682**, and **24.6316, 26.1018, 57.1660** is the 20% darker color. If you saturate the color by 10%, you get **43.3518, 45.3758, 101.0813**, and if you desaturate by 10%, it is **59.1590, 63.0251, 103.6548**.

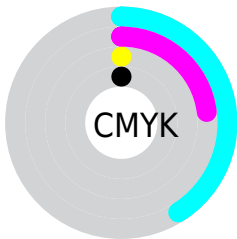
Distribution



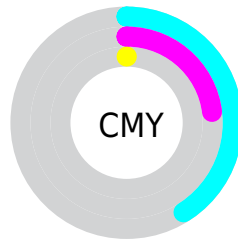
- Red (59%)
- Green (77%)
- Blue (100%)



- Red (59%)
- Yellow (71%)
- Blue (100%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5939, 53.6365, 102.2940 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 50.5939, 53.6365, 102.2940 by changing the saturation by 10% instead.

■ 50.5939, 53.6365,
102.2940

■ 50.5939, 53.6365,
102.2940

379.3976,
400.7224, 588.8321

■ 36.1052, 38.3111,
77.5902

■ 90.2408, 95.5403,
166.3854

■ 24.6860, 26.2243,
57.2230

■ 116.1297,
122.8875, 206.6101

■ 15.9707, 16.9915,
40.7737

146.5494,
155.0109, 252.8455

■ 9.5942, 10.2284,
27.8239

181.8653,
192.2946, 305.5101

■ 5.1909, 5.5507,
17.9551

222.4428,
235.1233, 365.0226

■ 2.3956, 2.5738,
10.7487

268.6470,

■ 0.8429, 0.9135,

283.8812, 431.8013

5.7860

320.8435,
338.9527, 506.2650

■ 0.0000, 0.0000,
2.6487

■ 0.0000, 0.0000,
0.9175

■ 50.5939, 53.6365,
102.2940

■ 50.5939, 53.6365,
102.2940

■ 43.3518, 45.3758,
101.0813

■ 59.1590, 63.0251,
103.6548

■ 37.3529, 38.1864,
100.0098

■ 69.1110, 73.5829,
105.1681

■ 32.5153, 32.0147,
99.0735

■ 80.5151, 85.3557,
106.8394

■ 28.7441, 26.7985,
98.2654

■ 93.4310, 98.3852,
108.6736

■ 25.9268, 22.4657,
97.5776

95.0500, 100.0000,
108.9000

■ 24.0836, 19.2873,
97.0612

Harmonies

Analogous

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



44.6433, 53.6365, 94.6792



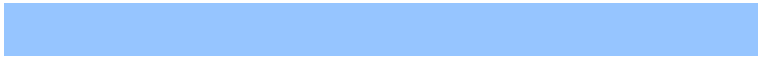
50.5939, 53.6365, 102.2940



57.1629, 53.6365, 96.2168

Triad

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



50.5939, 53.6365, 102.2940



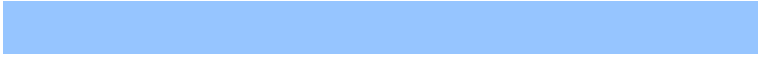
62.8789, 53.6365, 42.9674



41.0194, 53.6365, 41.4220

Complementary

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



50.5939, 53.6365, 102.2940



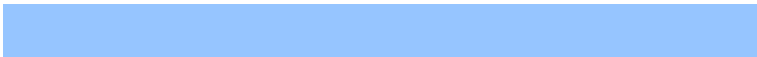
69.3016, 68.5745, 38.4397

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.



45.2596, 53.6365, 32.0742



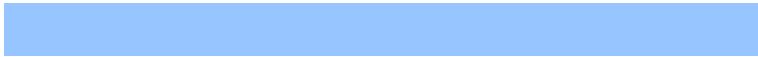
50.5939, 53.6365, 102.2940



57.8894, 53.6365, 32.8232

Square

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



50.5939, 53.6365, 102.2940



64.6085, 53.6365, 59.5163



51.3678, 53.6365, 29.2962



39.4168, 53.6365, 57.2998

Rectangle

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



50.5939, 53.6365, 102.2940



60.9453, 53.6365, 85.8188



51.3678, 53.6365, 29.2962



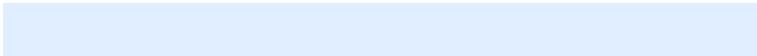
42.1647, 53.6365, 37.5501

Sweetspot

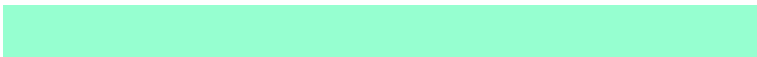
The Sweet Spot groups the original color and five complimentary colors.



50.5955, 53.6385, 102.2943



79.5175, 84.3371, 106.6954



59.6932, 82.5463, 72.3016



16.6865, 17.7102, 22.7889



0.0000, 0.0000, 0.0000



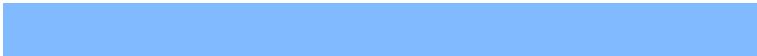
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5955, 53.6385, 102.2943



44.8185, 47.0795, 101.3328



42.5235, 36.0279, 99.3206



17.6724, 18.7165, 22.9312



12.7281, 10.3658, 50.7645



1.3464, 1.2235, 4.9785

Inverse Universe

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



62.2255, 47.1055, 58.6379



58.0902, 40.7829, 51.2539



80.6003, 94.0000, 42.7518



18.3473, 18.1222, 20.4461



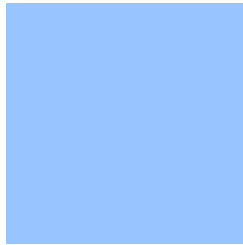
23.2128, 11.7744, 9.7709



2.3142, 1.1681, 1.2360

Previews

White Background



This preview shows how the XYZ color 50.5939, 53.6365, 102.2940 looks on a white background.

Color Contrast Check

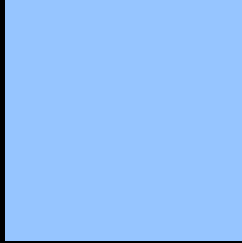
Large Text (above 18pt) WCAG AA × Fail

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 50.5939, 53.6365, 102.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

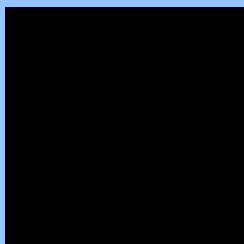
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

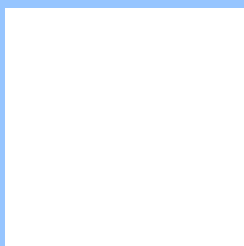
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5939, 53.6365, 102.2940

Background



This preview shows how black text looks on a background with the XYZ color 50.5939, 53.6365, 102.2940.



This preview shows how white text looks on a background with the XYZ color 50.5939, 53.6365,

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

50.5939, 53.6365, 102.2940

Protanopia

54.0176, 53.5108, 97.9241

Deuteranopia

54.5949, 53.3940, 102.0364



Tritanopia

45.2587, 53.5419, 75.6594

Trichromacy



Original Color

50.5939, 53.6365, 102.2940

Protanomaly

52.5770, 53.3837, 99.6284

Deuteranomaly

53.0563, 53.5754, 102.1525

Tritanomaly

47.0962, 53.5858, 84.9516

Monochromacy



Original Color

50.5939, 53.6365, 102.2940

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.8868, 52.1089, 71.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5939, 53.6365, 102.2940 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(150, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 197, 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(150, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.5939, 53.6365, 102.2940 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(150, 197, 255) }
```


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

```
.border{ border-color:rgb(150, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5939, 53.6365, 102.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 197, 255) }
```

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

```
.background{ background-color: rgb(150,  
197, 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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