

Converting Colors

XYZ(50.8522, 55.0675,
102.5566)

Have a look what the booklet for
XYZ(50.8522, 55.0675, 102.5566)
contains.

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Color

**XYZ(50.9693, 55.1963,
102.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	93C9FF
RGB	147, 201, 255
RGB Percent	58%, 79%, 100%
CMY	0.4235, 0.2118, 0.0000
CMYK	0.42, 0.21, 0.00, 0.00
HSL	210°, 100%, 79%
HSV	210°, 42%, 100%
XYZ	50.9693, 55.1963, 102.5753
YIQ	191.0100, -49.5180, 5.3460

Conversions

Conversions Part 2

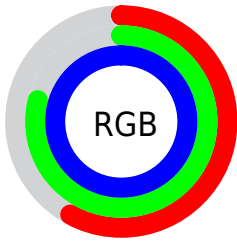
Format	Color
RYB	147, 183, 255
Decimal	9685503
CIELab	79.15, -3.93, -32.00
CIELCh	79, 32.242, 263.001
Yxy	55.1963, 0.2442, 0.2644
Android (android.graphics.Color)	4287875583 (0xFF93C9FF)
YUV	191.0100, 31.5471, -38.5968
Hunter-Lab	74.2942, -7.5555, -29.8536

Details

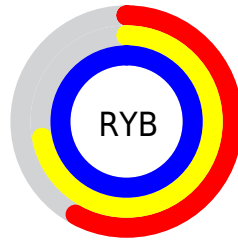
The XYZ color **50.9693, 55.1963, 102.5753** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.3940, 65.1409, 36.6273**, and the grayscale version is **49.3720, 51.9432, 56.5662**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **24.8432, 27.1183, 57.3511** is the 20% darker color. If you saturate the color by 10%, you get **44.0435, 47.3963, 101.4348**, and if you desaturate by 10%, it is **59.1585, 64.0162, 103.8461**.

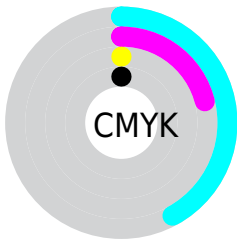
Distribution



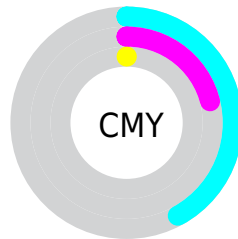
- Red (58%)
- Green (79%)
- Blue (100%)



- Red (58%)
- Yellow (72%)
- Blue (100%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9693, 55.1963, 102.5753 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 50.9693, 55.1963, 102.5753 by changing the saturation by 10% instead.

■ 50.9693, 55.1963,
102.5753

■ 50.9693, 55.1963,
102.5753

380.8341,
406.6556, 589.7352

■ 36.4051, 39.5589,
77.8242

■ 90.7927, 97.8285,
166.7744

■ 24.9188, 27.1948,
57.4140

■ 116.7825,
125.5921, 207.0595

■ 16.1450, 17.7196,
40.9261

147.3117,
158.1666, 253.3596

■ 9.7183, 10.7488,
27.9421

182.7455,
195.9363, 306.0934

■ 5.2734, 5.8982,
18.0434

223.4493,
239.2857, 365.6792

■ 2.4450, 2.7833,
10.8114

269.7884,

■ 0.8676, 1.0197,

288.5991, 432.5358

5.8276

322.1282,
344.2609, 507.0816

■ 0.0000, 0.0000,
2.6734

■ 0.0000, 0.0000,
0.9300

■ 50.9693, 55.1963,
102.5753

■ 50.9693, 55.1963,
102.5753

■ 44.0435, 47.3963,
101.4348

■ 59.1585, 64.0162,
103.8461

■ 38.3026, 40.5634,
100.4185

■ 68.6734, 73.8931,
105.2511

■ 33.6659, 34.6479,
99.5211

■ 79.5779, 84.8695,
106.7950

■ 30.0394, 29.5919,
98.7363

■ 91.9300, 96.9831,
108.4821

■ 27.3103, 25.3272,
98.0570

95.0500, 100.0000,
108.9000

■ 25.7043, 22.5286,
97.6014

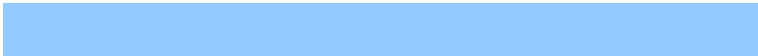
Harmonies

Analogous

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



45.3635, 55.1963, 93.0725



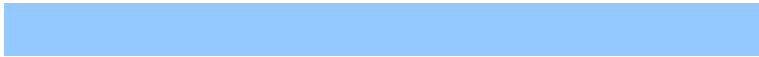
50.9693, 55.1963, 102.5753



57.4470, 55.1963, 98.9720

Triad

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



50.9693, 55.1963, 102.5753



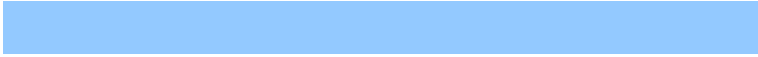
64.6951, 55.1963, 47.2897



43.1886, 55.1963, 41.1981

Complementary

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



50.9693, 55.1963, 102.5753



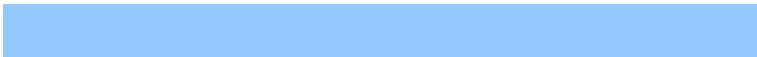
67.3940, 65.1409, 36.6273

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.



47.7749, 55.1963, 33.0275



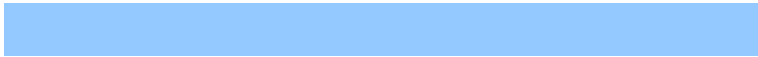
50.9693, 55.1963, 102.5753



60.2659, 55.1963, 36.0097

Square

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



50.9693, 55.1963, 102.5753



65.7257, 55.1963, 64.5210



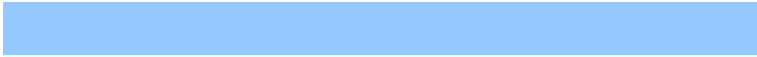
53.9844, 55.1963, 31.3441



41.1155, 55.1963, 55.8845

Rectangle

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



50.9693, 55.1963, 102.5753



61.3611, 55.1963, 89.9163



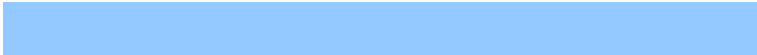
53.9844, 55.1963, 31.3441



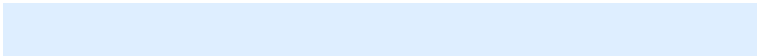
44.4686, 55.1963, 37.7316

Sweetspot

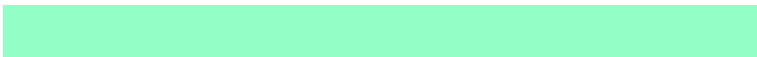
The Sweet Spot groups the original color and five complimentary colors.



50.9709, 55.1983, 102.5756



78.8268, 84.1229, 106.6905



58.1259, 81.8565, 66.8926



16.3352, 17.4700, 22.7610



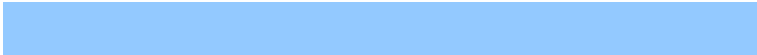
0.0000, 0.0000, 0.0000



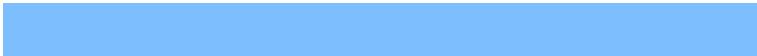
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9709, 55.1983, 102.5756



44.9084, 48.3926, 101.5815



40.8002, 34.8568, 99.1854



17.7534, 18.8785, 22.9581



13.5804, 12.0703, 51.0486



1.4315, 1.3936, 5.0068

Inverse Universe

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



62.2175, 46.3462, 60.9268



57.8589, 39.6312, 53.3014



81.6953, 93.7437, 41.3944



18.3882, 18.1386, 20.6613



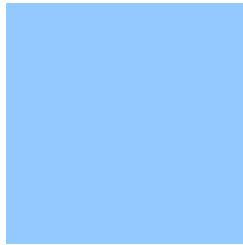
23.6429, 11.9465, 12.0361



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 50.9693, 55.1963, 102.5753 looks on a white background.

Color Contrast Check

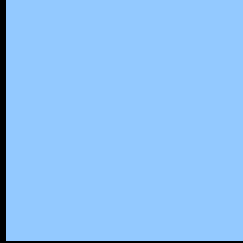
Large Text (above 18pt) WCAG AA × Fail

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 50.9693, 55.1963, 102.5753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

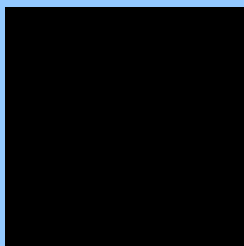
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

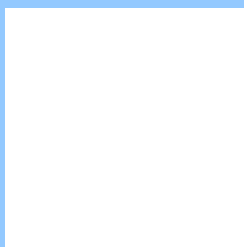
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9693, 55.1963, 102.5753

Background



This preview shows how black text looks on a background with the XYZ color 50.9693, 55.1963, 102.5753.



This preview shows how white text looks on a background with the XYZ color 50.9693, 55.1963,

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

50.9693, 55.1963, 102.5753

Protanopia

55.2249, 54.8032, 97.2899

Deuteranopia

55.9557, 54.7430, 102.2250



Tritanopia

46.1133, 55.3566, 78.0665

Trichromacy



Original Color

50.9693, 55.1963, 102.5753

Protanomaly

53.5147, 54.8799, 99.0391

Deuteranomaly

53.9273, 54.6852, 102.3208

Tritanomaly

47.8112, 55.3235, 86.7559

Monochromacy



Original Color

50.9693, 55.1963, 102.5753

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3319, 52.9992, 71.2481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9693, 55.1963, 102.5753 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(147, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 201, 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(147, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.9693, 55.1963, 102.5753 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(147, 201, 255) }
```


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

```
.border{ border-color:rgb(147, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 201, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 201, 255); box-shadow:4px 4px 4px 4px rgb(147, 201, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9693, 55.1963, 102.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 201, 255) }
```

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

```
.background{ background-color: rgb(147,  
201, 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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