

Converting Colors

XYZ(50.0920, 54.5372,
102.4943)

Have a look what the booklet for
XYZ(50.0920, 54.5372, 102.4943)
contains.

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Color

**XYZ(50.0320, 54.3682,
102.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC8FF
RGB	143, 200, 255
RGB Percent	56%, 78%, 100%
CMY	0.4392, 0.2157, 0.0000
CMYK	0.44, 0.22, 0.00, 0.00
HSL	209°, 100%, 78%
HSV	209°, 44%, 100%
XYZ	50.0320, 54.3682, 102.4649
YIQ	189.2270, -51.6270, 5.0210

Conversions

Conversions Part 2

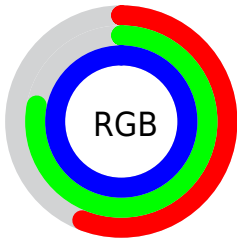
Format	Color
RYB	143, 181, 255
Decimal	9423103
CIELab	78.68, -4.37, -32.76
CIElCh	79, 33.047, 262.397
Yxy	54.3682, 0.2419, 0.2628
Android (android.graphics.Color)	4287613183 (0xFF8FC8FF)
YUV	189.2270, 32.4261, -40.5411
Hunter-Lab	73.7348, -7.9165, -30.7775

Details

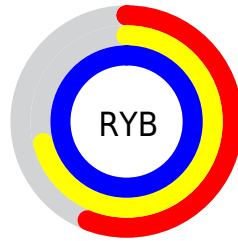
The XYZ color **50.0320, 54.3682, 102.4649** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.3928, 63.6324, 34.7716**, and the grayscale version is **48.3426, 50.8602, 55.3867**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **24.3097, 26.6134, 57.2817** is the 20% darker color. If you saturate the color by 10%, you get **43.3268, 46.7821, 101.3540**, and if you desaturate by 10%, it is **57.9813, 62.9505, 103.7025**.

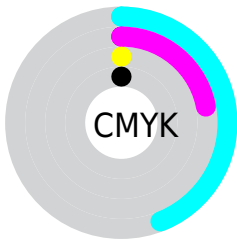
Distribution



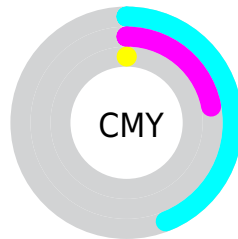
- Red (56%)
- Green (78%)
- Blue (100%)



- Red (56%)
- Yellow (71%)
- Blue (100%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0320, 54.3682, 102.4649 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 50.0320, 54.3682, 102.4649 by changing the saturation by 10% instead.

■ 50.0320, 54.3682,
102.4649

■ 50.0320, 54.3682,
102.4649

377.2410,
403.5125, 589.3808

■ 35.6567, 38.8961,
77.7323

■ 89.4138, 96.6147,
166.6217

■ 24.3381, 26.6789,
57.3390

■ 115.1511,
124.1578, 206.8831

■ 15.7107, 17.3322,
40.8663

145.4064,
156.4934, 253.1579

■ 9.4092, 10.4716,
27.8957

180.5451,
194.0059, 305.8645

■ 5.0683, 5.7128,
18.0087

220.9326,
237.0797, 365.4216

■ 2.3226, 2.6712,
10.7867

266.9341,

■ 0.8062, 0.9626,

286.0991, 432.2476

5.8112

318.9151,
341.4486, 506.7612

■ 0.0000, 0.0000,
2.6637

■ 0.0000, 0.0000,
0.9251

■ 50.0320, 54.3682,
102.4649

■ 50.0320, 54.3682,
102.4649

■ 43.3268, 46.7821,
101.3540

■ 57.9813, 62.9505,
103.7025

■ 37.7861, 40.1395,
100.3639

■ 67.2375, 72.5662,
105.0706

■ 33.3284, 34.3907,
99.4892

■ 77.8651, 83.2574,
106.5741

■ 29.8574, 29.4770,
98.7237

■ 89.9222, 95.0617,
108.2171

■ 27.2569, 25.3290,
98.0601

95.0500, 100.0000,
108.9000

■ 26.0032, 23.1264,
97.7011

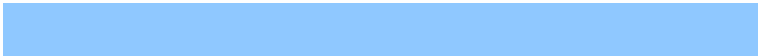
Harmonies

Analogous

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



44.3873, 54.3682, 92.4950



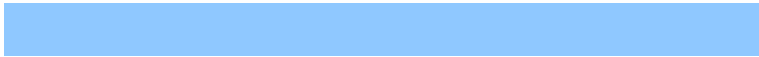
50.0320, 54.3682, 102.4649



56.6077, 54.3682, 99.0496

Triad

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



50.0320, 54.3682, 102.4649



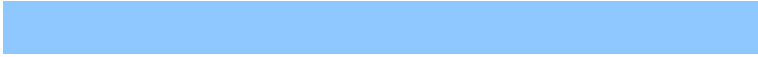
64.1731, 54.3682, 46.5284



42.3539, 54.3682, 39.8577

Complementary

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



50.0320, 54.3682, 102.4649



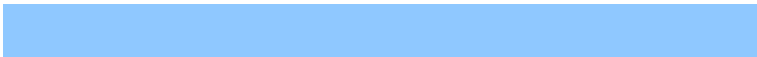
66.3928, 63.6324, 34.7716

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.



47.0382, 54.3682, 31.7900



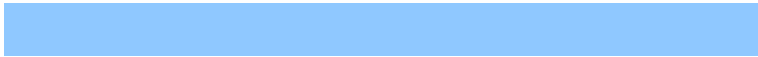
50.0320, 54.3682, 102.4649



59.7204, 54.3682, 35.0377

Square

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



50.0320, 54.3682, 102.4649



65.1445, 54.3682, 64.0835



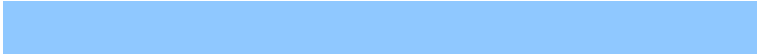
53.3543, 54.3682, 30.2332



40.2039, 54.3682, 54.5668

Rectangle

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



50.0320, 54.3682, 102.4649



60.6105, 54.3682, 89.9168



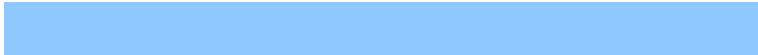
53.3543, 54.3682, 30.2332



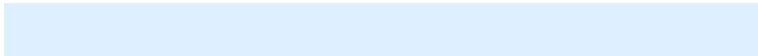
43.6645, 54.3682, 36.4180

Sweetspot

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



50.0336, 54.3702, 102.4652



78.9132, 84.2958, 106.7193



57.1822, 81.3976, 65.6025



16.3565, 17.5126, 22.7681



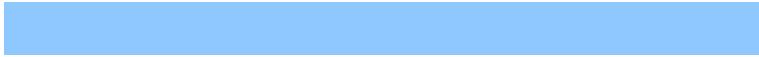
0.0000, 0.0000, 0.0000



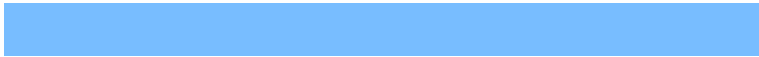
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0336, 54.3702, 102.4652



43.8936, 47.4397, 101.4511



39.4844, 33.2717, 98.9488



17.7673, 18.9062, 22.9628



13.7371, 12.3838, 51.1009



1.4469, 1.4245, 5.0120

Inverse Universe

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



61.4889, 45.0768, 60.1054



57.0839, 38.3151, 52.3222



81.3657, 93.5782, 39.7626



18.3952, 18.1414, 20.6982



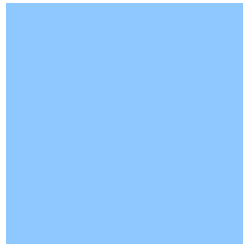
23.7221, 11.9781, 12.4528



2.3649, 1.1883, 1.5031

Previews

White Background



This preview shows how the XYZ color 50.0320, 54.3682, 102.4649 looks on a white background.

Color Contrast Check

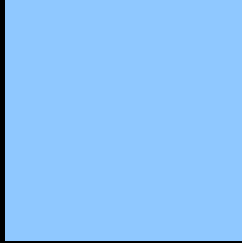
Large Text (above 18pt) WCAG AA × Fail

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 50.0320, 54.3682, 102.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

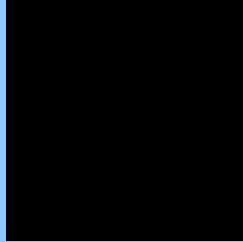
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

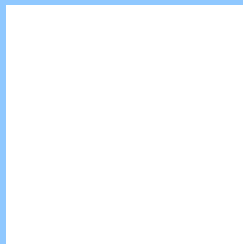
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0320, 54.3682, 102.4649

Background



This preview shows how black text looks on a background with the XYZ color 50.0320, 54.3682, 102.4649.



This preview shows how white text looks on a background with the XYZ color 50.0320, 54.3682,

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

50.0320, 54.3682, 102.4649

Protanopia

54.5389, 54.1225, 97.1947

Deuteranopia

55.2712, 54.0653, 102.1303



Tritanopia

45.0876, 54.4849, 77.2475

Trichromacy



Original Color

50.0320, 54.3682, 102.4649

Protanomaly

52.6536, 54.1022, 98.9344

Deuteranomaly

53.0677, 53.9106, 102.2166

Tritanomaly

46.7607, 54.4446, 85.8862

Monochromacy



Original Color

50.0320, 54.3682, 102.4649

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0935, 51.7147, 70.3979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0320, 54.3682, 102.4649 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(143, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 200, 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(143, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.0320, 54.3682, 102.4649 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(143, 200, 255) }
```


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

```
.border{ border-color:rgb(143, 200, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 200, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0320, 54.3682, 102.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 200, 255) }
```

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

```
.background{ background-color: rgb(143,  
200, 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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