

Converting Colors

XYZ(53.1735, 55.2588,
106.3883)

Have a look what the booklet for
XYZ(53.1735, 55.2588, 106.3883)
contains.

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Color

**XYZ(52.3446, 54.8773,
102.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC6FF
RGB	158, 198, 255
RGB Percent	62%, 78%, 100%
CMY	0.3804, 0.2235, 0.0000
CMYK	0.38, 0.22, 0.00, 0.00
HSL	215°, 100%, 81%
HSV	215°, 38%, 100%
XYZ	52.3446, 54.8773, 102.4413
YIQ	192.5380, -42.1370, 9.2470

Conversions

Conversions Part 2

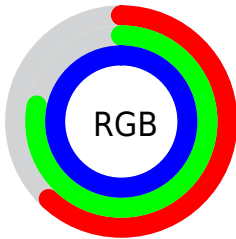
Format	Color
R _Y B	158, 186, 255
Decimal	10405631
CIE Lab	78.97, 0.48, -32.23
CIE LCh	79, 32.237, 270.861
Yxy	54.8773, 0.2497, 0.2617
Android (android.graphics.Color)	4288595711 (0xFF9EC6FF)
YUV	192.5380, 30.7938, -30.2898
Hunter-Lab	74.0792, -3.5100, -30.1344

Details

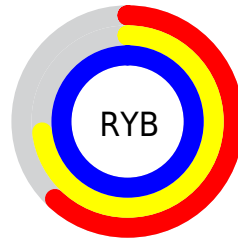
The XYZ color **52.3446, 54.8773, 102.4413** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.7124, 72.3298, 42.5309**, and the grayscale version is **50.2620, 52.8795, 57.5858**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **25.7598, 26.9073, 57.2620** is the 20% darker color. If you saturate the color by 10%, you get **44.5822, 46.0413, 101.1449**, and if you desaturate by 10%, it is **61.4897, 64.9315, 103.8999**.

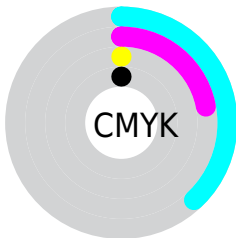
Distribution



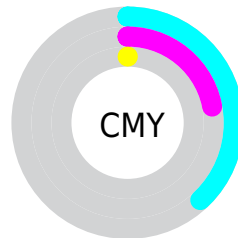
- Red (62%)
- Green (78%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3446, 54.8773, 102.4413 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 52.3446, 54.8773, 102.4413 by changing the saturation by 10% instead.

■ 52.3446, 54.8773,
102.4413

■ 52.3446, 54.8773,
102.4413

386.0677,
405.4466, 589.3051

■ 37.5052, 39.3035,
77.7127

■ 92.8105, 97.3612,
166.5891

■ 25.7744, 26.9959,
57.3230

■ 119.1677,
125.0400, 206.8454

■ 16.7867, 17.5701,
40.8535

150.0948,
157.5226, 253.1147

■ 10.1769, 10.6418,
27.8858

185.9573,
195.1935, 305.8156

■ 5.5796, 5.8265,
18.0013

227.1205,
238.4369, 365.3665

■ 2.6294, 2.7399,
10.7815

273.9497,

■ 0.9609, 0.9975,

287.6373, 432.1860

5.8078

326.8103,
343.1791, 506.6927

■ 0.0000, 0.0000,
2.6617

■ 0.0000, 0.0000,
0.9240

■ 52.3446, 54.8773,
102.4413

■ 52.3446, 54.8773,
102.4413

■ 44.5822, 46.0413,
101.1449

■ 61.4897, 64.9315,
103.8999

■ 38.1230, 38.3643,
100.0035

■ 72.0813, 76.2473,
105.5258

■ 32.8863, 31.7909,
99.0107

■ 84.1848, 88.8728,
107.3249

■ 28.7792, 26.2570,
98.1590

95.0500, 100.0000,
108.9000

■ 25.6935, 21.6901,
97.4402

■ 23.4856, 17.9982,
96.8439

■ 23.1177, 17.3554,
96.7392

Harmonies

Analogous

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



46.3861, 54.8773, 96.1811



52.3446, 54.8773, 102.4413



58.7390, 54.8773, 95.4546

Triad

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



52.3446, 54.8773, 102.4413



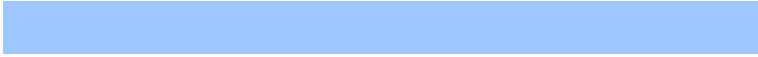
63.4683, 54.8773, 43.4159



42.1195, 54.8773, 44.1625

Complementary

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



52.3446, 54.8773, 102.4413



71.7124, 72.3298, 42.5309

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.



46.0902, 54.8773, 34.2890



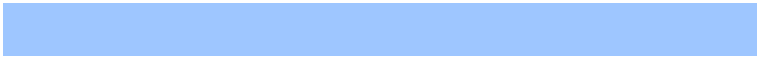
52.3446, 54.8773, 102.4413



58.3925, 54.8773, 33.9241

Square

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



52.3446, 54.8773, 102.4413



65.4761, 54.8773, 59.2234



51.9743, 54.8773, 30.9555



40.7827, 54.8773, 60.2839

Rectangle

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



52.3446, 54.8773, 102.4413



62.3125, 54.8773, 84.9108



51.9743, 54.8773, 30.9555



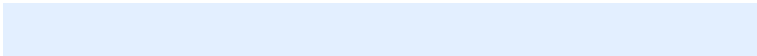
43.1735, 54.8773, 40.1297

Sweetspot

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



52.3462, 54.8793, 102.4416



80.4382, 84.9936, 106.7736



62.0738, 83.6745, 76.8899



16.8598, 17.8205, 22.8010



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.



52.3462, 54.8793, 102.4416



46.0559, 47.7462, 101.3963



46.0216, 39.7914, 99.8627



17.6183, 18.6081, 22.9131



12.2180, 9.3456, 50.5945



1.2942, 1.1190, 4.9611

Inverse Universe

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



63.6610, 49.7924, 59.6839



59.1562, 42.8993, 51.6575



80.2604, 93.7478, 46.2145



18.3200, 18.1113, 20.3021



22.9553, 11.6714, 8.4150



2.2878, 1.1575, 1.0972

Previews

White Background



This preview shows how the XYZ color 52.3446, 54.8773, 102.4413 looks on a white background.

Color Contrast Check

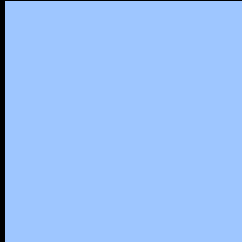
Large Text (above 18pt) WCAG AA × Fail

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 52.3446, 54.8773, 102.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

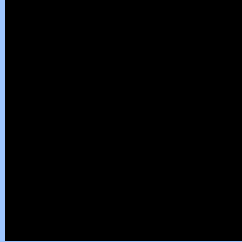
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

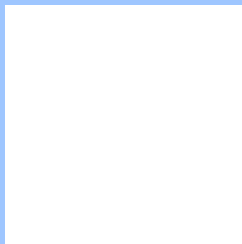
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3446, 54.8773, 102.4413

Background



This preview shows how black text looks on a background with the XYZ color 52.3446, 54.8773, 102.4413.



This preview shows how white text looks on a background with the XYZ color 52.3446, 54.8773,

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

52.3446, 54.8773, 102.4413

Protanopia

55.3049, 54.8083, 98.9310

Deuteranopia

55.9557, 54.7430, 102.2250



Tritanopia

47.0384, 54.7958, 76.5041

Trichromacy



Original Color

52.3446, 54.8773, 102.4413

Protanomaly

54.0991, 54.8291, 99.8272

Deuteranomaly

54.5754, 54.6878, 102.2871

Tritanomaly

48.7774, 54.7997, 85.0973

Monochromacy



Original Color

52.3446, 54.8773, 102.4413

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7322, 53.6914, 72.6553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3446, 54.8773, 102.4413 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(158, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 198, 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(158, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.3446, 54.8773, 102.4413 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(158, 198, 255) }
```


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

```
.border{ border-color:rgb(158, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3446, 54.8773, 102.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 198, 255) }
```

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

```
.background{ background-color: rgb(158,  
198, 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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