

Converting Colors

XYZ(48.8339, 51.6789, 97.4685)

Have a look what the booklet for
XYZ(48.8339, 51.6789, 97.4685)
contains.

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Color

**XYZ(48.9415, 51.8753,
97.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	95C2FA
RGB	149, 194, 250
RGB Percent	58%, 76%, 98%
CMY	0.4157, 0.2392, 0.0196
CMYK	0.40, 0.22, 0.00, 0.02
HSL	213°, 91%, 78%
HSV	213°, 40%, 98%
XYZ	48.9415, 51.8753, 97.8759
YIQ	186.9290, -44.7960, 7.8760

Conversions

Conversions Part 2

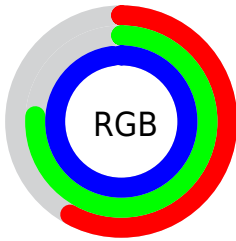
Format	Color
R _Y B	149, 180, 250
Decimal	9814778
CIE Lab	77.21, -0.99, -32.32
CIE LCh	77, 32.335, 268.242
Yxy	51.8753, 0.2463, 0.2611
Android (android.graphics.Color)	4288004858 (0xFF95C2FA)
YUV	186.9290, 31.0940, -33.2637
Hunter-Lab	72.0245, -4.7500, -30.1535

Details

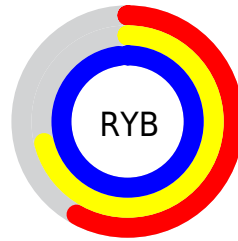
The XYZ color **48.9415, 51.8753, 97.8759** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.6816, 66.1577, 37.6907**, and the grayscale version is **47.0439, 49.4938, 53.8988**.

A 20% lighter version of the original color is **77.6892, 88.7130, 107.6364**, and **23.6647, 25.2272, 54.0741** is the 20% darker color. If you saturate the color by 10%, you get **41.9182, 43.8875, 96.7052**, and if you desaturate by 10%, it is **57.2349, 60.9472, 99.1908**.

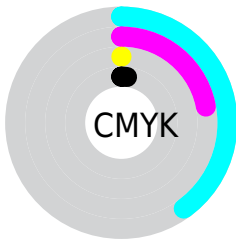
Distribution



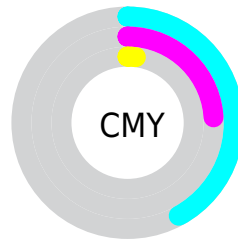
- Red (58%)
- Green (76%)
- Blue (98%)



- Red (58%)
- Yellow (71%)
- Blue (98%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9415, 51.8753, 97.8759 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 48.9415, 51.8753, 97.8759 by changing the saturation by 10% instead.

■ 48.9415, 51.8753,
97.8759

■ 48.9415, 51.8753,
97.8759

373.0328,
393.9550, 574.5493

■ 34.7874, 36.9057,
73.9208

■ 87.8058, 92.9473,
160.2614

■ 23.6649, 25.1345,
54.2329

■ 113.2467,
119.8185, 199.5290

■ 15.2086, 16.1773,
38.3934

143.1807,
151.4257, 244.7378

■ 9.0532, 9.6497,
25.9840

177.9730,
188.1532, 296.3064

■ 4.8333, 5.1673,
16.5860

217.9890,
230.3855, 354.6533

■ 2.1835, 2.3458,
9.7809

263.5940,

■ 0.7340, 0.7978,

278.5070, 420.1970

5.1503

315.1535,
332.9020, 493.3562

■ 0.0000, 0.0000,
2.2754

■ 0.0000, 0.0000,
0.7174

■ 48.9415, 51.8753,
97.8759

■ 48.9415, 51.8753,
97.8759

■ 41.9182, 43.8875,
96.7052

■ 57.2349, 60.9472,
99.1908

■ 36.0889, 36.9298,
95.6695

■ 66.8584, 71.1420,
100.6514

■ 31.3763, 30.9511,
94.7639

■ 77.8741, 82.5037,
102.2638

■ 27.6911, 25.8929,
93.9817

■ 90.3385, 95.0718,
104.0327

■ 24.9276, 21.6871,
93.3156

■ 94.2555, 99.6822,
104.7162

■ 22.9824, 18.3560,
92.7752

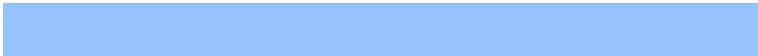
Harmonies

Analogous

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



43.3015, 51.8753, 90.7163



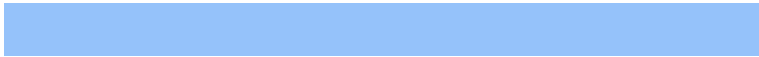
48.9415, 51.8753, 97.8759



55.1565, 51.8753, 92.1588

Triad

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



48.9415, 51.8753, 97.8759



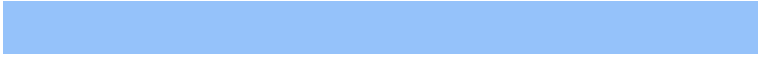
60.5550, 51.8753, 41.8372



39.8603, 51.8753, 40.3712

Complementary

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



48.9415, 51.8753, 97.8759



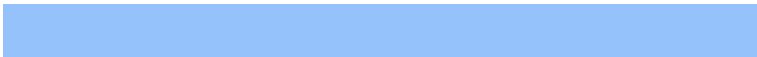
66.6816, 66.1577, 37.6907

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.



43.8844, 51.8753, 31.4565



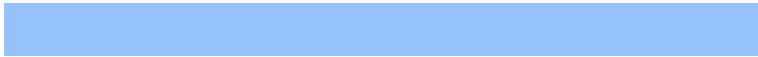
48.9415, 51.8753, 97.8759



55.8412, 51.8753, 32.1700

Square

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



48.9415, 51.8753, 97.8759



62.1883, 51.8753, 57.5361



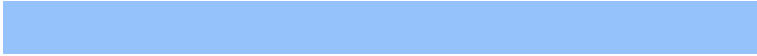
49.6721, 51.8753, 28.7986



38.3381, 51.8753, 55.4436

Rectangle

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



48.9415, 51.8753, 97.8759



58.7305, 51.8753, 82.3693



49.6721, 51.8753, 28.7986



40.9477, 51.8753, 36.6832

Sweetspot

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



48.9432, 51.8773, 97.8771



79.4990, 84.3001, 106.6892



57.5466, 79.1480, 69.7188



16.6822, 17.7015, 22.7874



0.0000, 0.0000, 0.0000



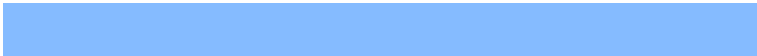
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9432, 51.8773, 97.8771



45.4589, 47.7722, 101.4328



41.3403, 35.2737, 95.0730



16.9197, 17.9161, 21.9517



12.3290, 10.0135, 49.2565



1.2458, 1.1353, 4.5966

Inverse Universe

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



59.9108, 45.7156, 56.7073



58.5570, 41.5194, 52.0176



77.2503, 89.9457, 41.7252



17.5660, 17.3538, 19.5702



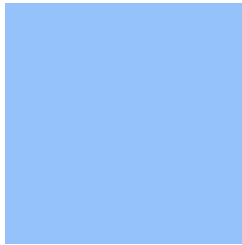
22.5151, 11.4218, 9.4210



2.1377, 1.0788, 1.1488

Previews

White Background



This preview shows how the XYZ color 48.9415, 51.8753, 97.8759 looks on a white background.

Color Contrast Check

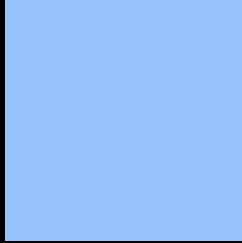
Large Text (above 18pt) WCAG AA × Fail

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 48.9415, 51.8753, 97.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

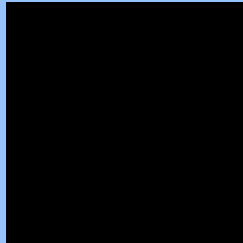
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

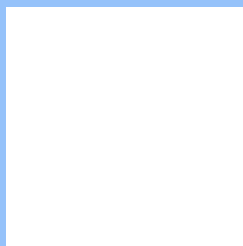
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9415, 51.8753, 97.8759

Background



This preview shows how black text looks on a background with the XYZ color 48.9415, 51.8753, 97.8759.



This preview shows how white text looks on a background with the XYZ color 48.9415, 51.8753,

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

48.9415, 51.8753, 97.8759

Protanopia

52.2970, 51.7342, 94.4181

Deuteranopia

52.8621, 51.6196, 98.4442



Tritanopia

43.8642, 51.8419, 72.6603

Trichromacy



Original Color

48.9415, 51.8753, 97.8759

Protanomaly

50.9278, 51.6493, 95.2808

Deuteranomaly

51.5519, 51.8989, 98.5672

Tritanomaly

45.5254, 51.8292, 81.0034

Monochromacy



Original Color

48.9415, 51.8753, 97.8759

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2799, 50.3643, 68.2021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9415, 51.8753, 97.8759 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(149, 194, 250)` looks like.

```
.text, #text, p{  
    color:rgb(149, 194, 250)  
}
```

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(149, 194, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 194, 250) }
```

Border

The CSS property to change the border of an element to XYZ 48.9415, 51.8753, 97.8759 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(149, 194, 250) }
```


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

```
.border{ border-color:rgb(149, 194, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 194, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 194, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 194, 250);  
box-shadow:4px 4px 4px 4px rgb(149, 194,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9415, 51.8753, 97.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 194, 250) }
```

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

```
.background{ background-color: rgb(149,  
194, 250) }
```

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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