

Converting Colors

XYZ(39.4647, 45.8162,
101.3711)

Have a look what the booklet for
XYZ(39.4647, 45.8162, 101.3711)
contains.

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Color

**XYZ(39.5048, 45.9374,
101.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABFFF
RGB	74, 191, 255
RGB Percent	29%, 75%, 100%
CMY	0.7098, 0.2510, 0.0000
CMYK	0.71, 0.25, 0.00, 0.00
HSL	201°, 100%, 65%
HSV	201°, 71%, 100%
XYZ	39.5048, 45.9374, 101.3924
YIQ	163.3130, -90.2760, -4.9000

Conversions

Conversions Part 2

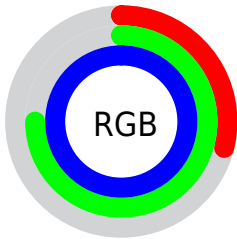
Format	Color
R _Y B	74, 145, 255
Decimal	4898815
CIE Lab	73.50, -12.66, -40.99
CIE LCh	74, 42.895, 252.841
Yxy	45.9374, 0.2114, 0.2459
Android (android.graphics.Color)	4283088895 (0xFF4ABFFF)
YUV	163.3130, 45.2017, -78.3275
Hunter-Lab	67.7771, -14.5689, -41.2519

Details

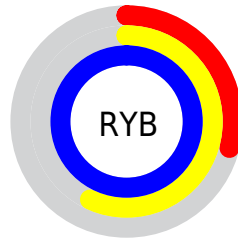
The XYZ color **39.5048, 45.9374, 101.3924** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **51.5663, 39.9343, 11.4709**, and the grayscale version is **34.7863, 36.5979, 39.8551**.

A 20% lighter version of the original color is **62.4661, 79.4923, 106.6590**, and **19.2815, 22.2542, 56.7053** is the 20% darker color. If you saturate the color by 10%, you get **36.0182, 41.3108, 100.6832**, and if you desaturate by 10%, it is **43.9104, 51.2190, 102.1797**.

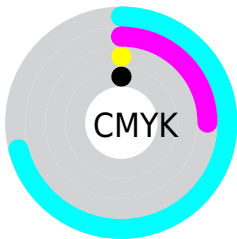
Distribution



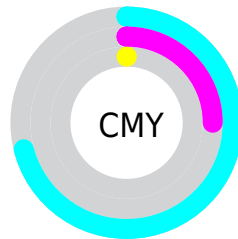
- Red (29%)
- Green (75%)
- Blue (100%)



- Red (29%)
- Yellow (57%)
- Blue (100%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5048, 45.9374, 101.3924 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 39.5048, 45.9374, 101.3924 by changing the saturation by 10% instead.

■ 39.5048, 45.9374,
101.3924

■ 39.5048, 45.9374,
101.3924

335.2023,
370.5569, 585.9324

■ 27.3351, 32.1964,
76.8405

■ 73.6980, 84.1253,
165.1379

■ 17.9630, 21.5116,
56.6112

■ 96.4522, 109.3410,
205.1686

■ 11.0229, 13.4985,
40.2859

■ 123.4654,
139.1504, 251.1960

■ 6.1497, 7.7727,
27.4461

■ 155.1028,
173.9380, 303.6386

■ 2.9778, 3.9498,
17.6731

191.7299,
214.0880, 362.9151

■ 1.1420, 1.6455,
10.5486

233.7119,

■ 0.0599, 0.3880,

259.9849, 429.4438

5.6538

281.4142,
312.0131, 503.6434

■ 0.0000, 0.0000,
2.5704

■ 0.0000, 0.0000,
0.8771

■ 39.5048, 45.9374,
101.3924

■ 39.5048, 45.9374,
101.3924

■ 36.0182, 41.3108,
100.6832

■ 43.9104, 51.2190,
102.1797

■ 33.3412, 37.2774,
100.0457

■ 49.3185, 57.1995,
103.0490

■ 31.4748, 34.0695,
99.5249

■ 55.8072, 63.9229,
104.0047

■ 63.4453, 71.4278,
105.0508

■ 72.2956, 79.7493,
106.1905

■ 82.4160, 88.9202,
107.4273

■ 93.8605, 98.9711,
108.7641

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



33.8303, 45.9374, 84.0768



39.5048, 45.9374, 101.3924



46.9794, 45.9374, 102.7010

Triad

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



39.5048, 45.9374, 101.3924



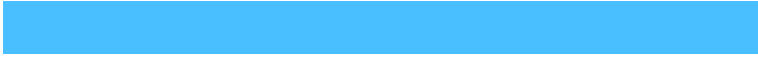
59.4565, 45.9374, 41.3093



34.4891, 45.9374, 25.2446

Complementary

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



39.5048, 45.9374, 101.3924



51.5663, 39.9343, 11.4709

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.



40.5048, 45.9374, 19.3771



39.5048, 45.9374, 101.3924



55.2352, 45.9374, 26.6798

Square

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



39.5048, 45.9374, 101.3924



59.1082, 45.9374, 63.3602



48.1013, 45.9374, 19.8126



31.1726, 45.9374, 38.6941

Rectangle

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



39.5048, 45.9374, 101.3924



52.0459, 45.9374, 93.8826



48.1013, 45.9374, 19.8126



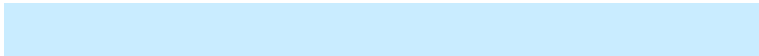
36.2308, 45.9374, 22.5215

Sweetspot

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



39.5063, 45.9389, 101.3926



72.2726, 79.7281, 106.1876



43.1260, 74.7927, 35.9651



14.9198, 16.5555, 22.6591



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.



39.5063, 45.9389, 101.3926



34.8501, 39.6198, 100.4183



25.5442, 18.0148, 96.7386



17.9828, 19.3371, 23.0346



16.5921, 18.0938, 52.0525



1.7185, 1.9676, 5.1025

Inverse Universe

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



53.0938, 29.9208, 52.2685



50.0129, 25.8910, 44.6691



70.1791, 77.1599, 17.6752



18.5039, 18.1849, 21.2709



25.1631, 12.5545, 20.0413



2.5020, 1.2432, 2.2250

Previews

White Background



This preview shows how the XYZ color 39.5048, 45.9374, 101.3924 looks on a white background.

Color Contrast Check

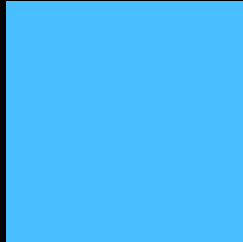
Large Text (above 18pt) WCAG AA × Fail

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 39.5048, 45.9374, 101.3924 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

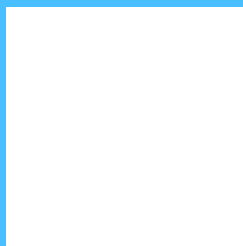
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5048, 45.9374, 101.3924

Background



This preview shows how black text looks on a background with the XYZ color 39.5048, 45.9374, 101.3924.

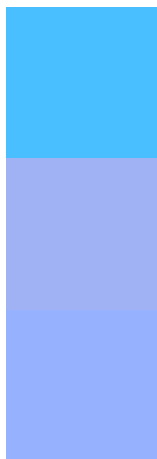


This preview shows how white text looks on a background with the XYZ color 39.5048, 45.9374,

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

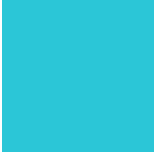
39.5048, 45.9374, 101.3924

Protanopia

46.5485, 45.4495, 91.9072

Deuteranopia

46.5481, 45.5448, 100.9454



Tritanopia

33.4561, 45.8081, 71.3685

Trichromacy



Original Color

39.5048, 45.9374, 101.3924

Protanomaly

42.7245, 44.9003, 95.2217

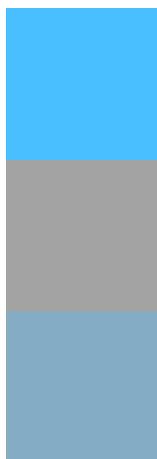
Deuteranomaly

43.0095, 45.2245, 101.0701

Tritanomaly

35.3194, 45.5277, 81.7891

Monochromacy



Original Color

39.5048, 45.9374, 101.3924

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2674, 38.6980, 57.8879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5048, 45.9374, 101.3924 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(74, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 191, 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(74, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.5048, 45.9374, 101.3924 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(74, 191, 255) }
```


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

```
.border{ border-color:rgb(74, 191, 255) }
```

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

Here you see how a box with a 4 pixel rgb(74, 191, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5048, 45.9374, 101.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 191, 255) }
```

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

```
.background{ background-color: rgb(74, 191,  
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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