

Converting Colors

XYZ(39.5971, 47.3645,
101.6630)

Have a look what the booklet for
XYZ(39.5971, 47.3645, 101.6630)
contains.

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Color

**XYZ(39.5517, 47.2743,
101.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC3FF
RGB	62, 195, 255
RGB Percent	24%, 76%, 100%
CMY	0.7568, 0.2353, 0.0000
CMYK	0.76, 0.24, 0.00, 0.00
HSL	199°, 100%, 62%
HSV	199°, 76%, 100%
XYZ	39.5517, 47.2743, 101.6480
YIQ	162.0730, -98.5280, -9.5360

Conversions

Conversions Part 2

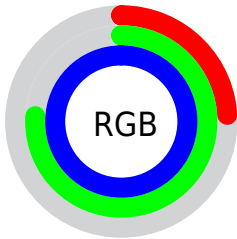
Format	Color
RYB	62, 141, 255
Decimal	4113407
CIELab	74.36, -16.21, -39.67
CIELCh	74, 42.853, 247.767
Yxy	47.2743, 0.2099, 0.2508
Android (android.graphics.Color)	4282303487 (0xFF3EC3FF)
YUV	162.0730, 45.8130, -87.7640
Hunter-Lab	68.7563, -17.6424, -39.5238

Details

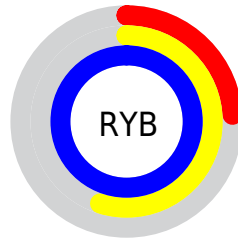
The XYZ color **39.5517, 47.2743, 101.6480** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **49.0710, 35.5302, 8.8313**, and the grayscale version is **34.2047, 35.9860, 39.1887**.

A 20% lighter version of the original color is **62.8521, 81.9917, 107.1211**, and **19.7179, 23.1270, 56.8508** is the 20% darker color. If you saturate the color by 10%, you get **36.5818, 43.1767, 101.0136**, and if you desaturate by 10%, it is **43.3682, 51.9500, 102.3493**.

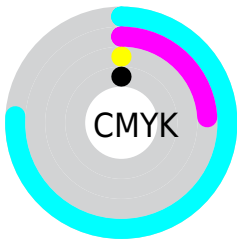
Distribution



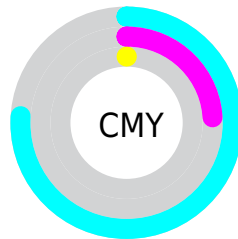
- Red (24%)
- Green (76%)
- Blue (100%)



- Red (24%)
- Yellow (55%)
- Blue (100%)



- Cyan (76%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5517, 47.2743, 101.6480 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 39.5517, 47.2743, 101.6480 by changing the saturation by 10% instead.

■ 39.5517, 47.2743,
101.6480

■ 39.5517, 47.2743,
101.6480

335.3973,
375.9084, 586.7552

■ 27.3718, 33.2526,
77.0530

■ 73.7691, 86.1229,
165.4917

■ 17.9907, 22.3200,
56.7846

■ 96.5373, 111.7186,
205.5774

■ 11.0430, 14.0922,
40.4241

■ 123.5656,
141.9410, 251.6639

■ 6.1632, 8.1848,
27.5531

■ 155.2195,
177.1746, 304.1695

■ 2.9862, 4.2134,
17.7529

191.8643,
217.8037, 363.5130

■ 1.1465, 1.7937,
10.6051

233.8653,

■ 0.0635, 0.4832,

264.2128, 430.1127

5.6912

281.5878,
316.7862, 504.3873

■ 0.0000, 0.0000,
2.5925

■ 0.0000, 0.0000,
0.8886

■ 39.5517, 47.2743,
101.6480

■ 39.5517, 47.2743,
101.6480

■ 36.5818, 43.1767,
101.0136

■ 43.3682, 51.9500,
102.3493

■ 34.3377, 39.5903,
100.4396

■ 48.1210, 57.2497,
103.1218

■ 33.5209, 38.1618,
100.2070

■ 53.8923, 63.2186,
103.9697

■ 60.7537, 69.8957,
104.8969

■ 68.7700, 77.3162,
105.9067

■ 78.0005, 85.5129,
107.0023

■ 88.5005, 94.5159,
108.1867

■ 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.



34.1993, 47.2743, 82.1142



39.5517, 47.2743, 101.6480



46.9670, 47.2743, 106.0677

Triad

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



39.5517, 47.2743, 101.6480



61.2871, 47.2743, 45.9445



36.4482, 47.2743, 24.6694

Complementary

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



39.5517, 47.2743, 101.6480



49.0710, 35.5302, 8.8313

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.



42.9582, 47.2743, 19.8172



39.5517, 47.2743, 101.6480



57.7055, 47.2743, 29.5969

Square

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



39.5517, 47.2743, 101.6480



60.1060, 47.2743, 69.2750



50.7811, 47.2743, 21.3185



32.5556, 47.2743, 37.0174

Rectangle

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



39.5517, 47.2743, 101.6480



52.2021, 47.2743, 98.9446



50.7811, 47.2743, 21.3185



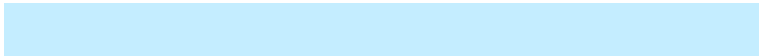
38.3718, 47.2743, 22.2960

Sweetspot

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



39.5532, 47.2759, 101.6482



71.1226, 79.4358, 106.1918



41.1323, 73.8985, 29.8368



14.5488, 16.3939, 22.6475



0.0000, 0.0000, 0.0000



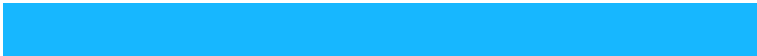
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5532, 47.2759, 101.6482



35.3062, 41.2097, 100.7012



24.6537, 17.4768, 96.6817



18.0505, 19.4726, 23.0572



17.6545, 20.2187, 52.4067



1.8164, 2.1635, 5.1351

Inverse Universe

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



52.8140, 28.6471, 54.3770



50.0778, 25.2838, 46.9627



66.7692, 70.9265, 14.7307



18.5381, 18.1986, 21.4509



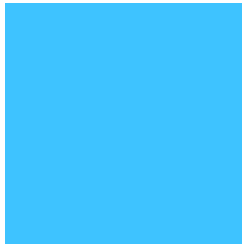
25.6994, 12.7691, 22.8653



2.5514, 1.2630, 2.4853

Previews

White Background



This preview shows how the XYZ color 39.5517, 47.2743, 101.6480 looks on a white background.

Color Contrast Check

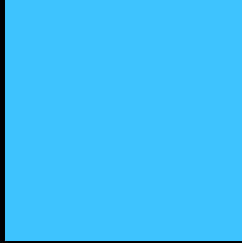
Large Text (above 18pt) WCAG AA × Fail

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 39.5517, 47.2743, 101.6480 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

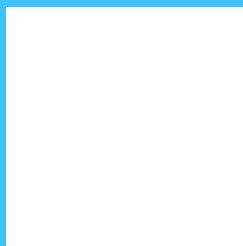
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5517, 47.2743, 101.6480

Background



This preview shows how black text looks on a background with the XYZ color 39.5517, 47.2743, 101.6480.



This preview shows how white text looks on a background with the XYZ color 39.5517, 47.2743,

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

39.5517, 47.2743, 101.6480

Protanopia

47.6076, 46.6038, 91.2803

Deuteranopia

47.6977, 46.7325, 101.1141



Tritanopia

33.9891, 47.4132, 73.6899

Trichromacy



Original Color

39.5517, 47.2743, 101.6480

Protanomaly

42.8899, 45.9254, 94.5996

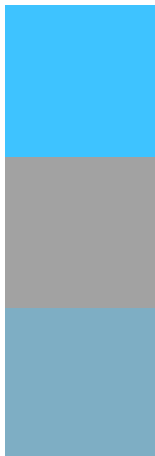
Deuteranomaly

43.2841, 45.9829, 101.2020

Tritanomaly

35.4744, 46.9397, 82.7919

Monochromacy



Original Color

39.5517, 47.2743, 101.6480

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.7040, 38.6932, 57.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5517, 47.2743, 101.6480 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(62, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(62, 195, 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(62, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.5517, 47.2743, 101.6480 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(62, 195, 255) }
```


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

```
.border{ border-color:rgb(62, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(62, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5517, 47.2743, 101.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 195, 255) }
```

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

```
.background{ background-color: rgb(62, 195,  
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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