

Converting Colors

XYZ(41.5375, 52.0927,
102.4734)

Have a look what the booklet for
XYZ(41.5375, 52.0927, 102.4734)
contains.

XYZ(41.5375, 52.0927, 102.4734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.5375, 52.0927,
102.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	34CEFF
RGB	52, 206, 255
RGB Percent	20%, 81%, 100%
CMY	0.7960, 0.1921, 0.0000
CMYK	0.80, 0.19, 0.00, 0.00
HSL	194°, 100%, 60%
HSV	194°, 80%, 100%
XYZ	41.5375, 52.0927, 102.4734
YIQ	165.5400, -107.5130, -17.4090

Conversions

Conversions Part 2

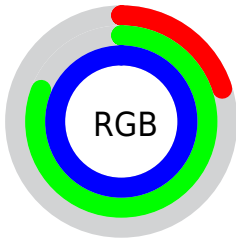
Format	Color
R _Y B	52, 140, 255
Decimal	3460863
CIE Lab	77.34, -22.88, -35.07
CIE LCh	77, 41.873, 236.884
Yxy	52.0927, 0.2118, 0.2656
Android (android.graphics.Color)	4281650943 (0xFF34CEFF)
YUV	165.5400, 44.1038, -99.5746
Hunter-Lab	72.1753, -23.5784, -33.6564

Details

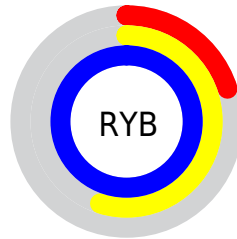
The XYZ color **41.5375, 52.0927, 102.4734** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **46.5155, 30.8185, 6.7479**, and the grayscale version is **35.8583, 37.7257, 41.0833**.

A 20% lighter version of the original color is **63.0159, 83.4858, 107.4008**, and **21.4213, 26.5337, 57.4186** is the 20% darker color. If you saturate the color by 10%, you get **39.1083, 48.6843, 101.9435**, and if you desaturate by 10%, it is **44.7356, 55.9855, 103.0562**.

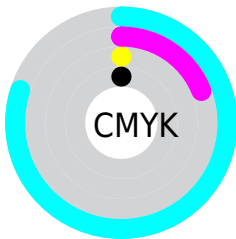
Distribution



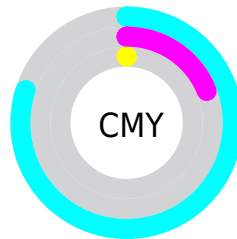
- Red (20%)
- Green (81%)
- Blue (100%)



- Red (20%)
- Yellow (55%)
- Blue (100%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5375, 52.0927, 102.4734 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 41.5375, 52.0927, 102.4734 by changing the saturation by 10% instead.

41.5375, 52.0927,
102.4734

41.5375, 52.0927,
102.4734

343.5864,
394.7944, 589.4081

28.9288, 37.0790,
77.7394

76.7687, 93.2679,
166.6335

19.1710, 25.2686,
57.3448

100.1220,
120.1982, 206.8967

11.8986, 16.2773,
40.8709

127.7876,
151.8695, 253.1734

6.7464, 9.7206,
27.8993

160.1307,
188.6662, 305.8821

3.3489, 5.2141,
18.0114

197.5168,
230.9726, 365.4414

1.3409, 2.3734,
10.7886

240.3112,

0.2135, 0.8122,

279.1732, 432.2698

5.8125

288.8793,
333.6523, 506.7859

■ 0.0000, 0.0000,
2.6645

■ 0.0000, 0.0000,
0.9255

■ 41.5375, 52.0927,
102.4734

■ 41.5375, 52.0927,
102.4734

■ 39.1083, 48.6843,
101.9435

■ 44.7356, 55.9855,
103.0562

■ 37.2860, 45.6731,
101.4584

■ 48.7984, 60.4102,
103.6961

■ 37.2187, 45.5574,
101.4396

■ 53.8121, 65.4132,
104.3976

■ 59.8508, 71.0335,
105.1641

■ 66.9809, 77.3065,
105.9991

■ 75.2631, 84.2641,
106.9055

■ 84.7534, 91.9362,
107.8862

■ 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.



36.9640, 52.0927, 79.1894



41.5375, 52.0927, 102.4734



48.6770, 52.0927, 113.4120

Triad

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



41.5375, 52.0927, 102.4734



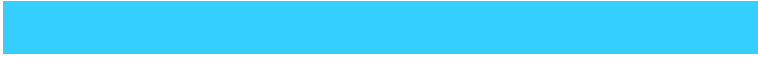
66.6095, 52.0927, 59.1608



42.8456, 52.0927, 25.6854

Complementary

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



41.5375, 52.0927, 102.4734



46.5155, 30.8185, 6.7479

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.



50.3576, 52.0927, 23.0014



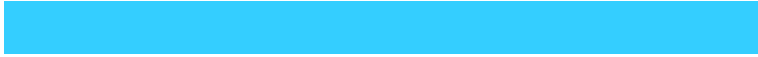
41.5375, 52.0927, 102.4734



64.6212, 52.0927, 38.9622

Square

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



41.5375, 52.0927, 102.4734



63.6229, 52.0927, 84.5110



58.4481, 52.0927, 27.1308



37.6598, 52.0927, 35.8065

Rectangle

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



41.5375, 52.0927, 102.4734



54.1398, 52.0927, 110.5118



58.4481, 52.0927, 27.1308



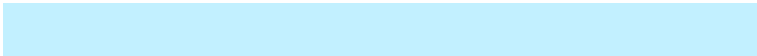
45.1567, 52.0927, 24.0261

Sweetspot

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



41.5391, 52.0945, 102.4736



71.4738, 81.1168, 106.4978



39.4475, 73.1587, 23.9420



14.6775, 16.8381, 22.7264



0.0000, 0.0000, 0.0000



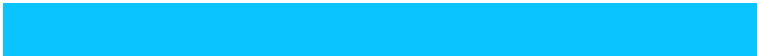
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5391, 52.0945, 102.4736



37.8969, 46.7243, 101.6290



24.6363, 18.2889, 96.8394



18.1615, 19.6947, 23.0942



19.5698, 24.0492, 53.0451



1.9901, 2.5109, 5.1930

Inverse Universe

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



53.6097, 28.1740, 61.0068



51.3041, 25.4628, 54.3806



62.7170, 63.2215, 12.1484



18.5942, 18.2210, 21.7461



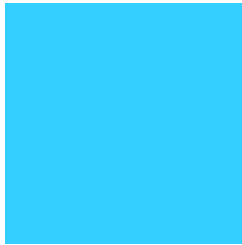
26.6661, 13.1558, 27.9561



2.6391, 1.2980, 2.9470

Previews

White Background



This preview shows how the XYZ color 41.5375, 52.0927, 102.4734 looks on a white background.

Color Contrast Check

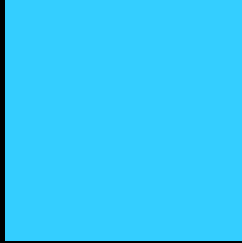
Large Text (above 18pt) WCAG AA × Fail

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 41.5375, 52.0927, 102.4734 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

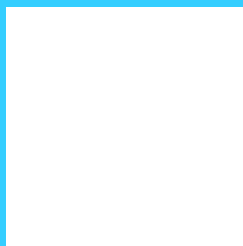
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5375, 52.0927, 102.4734

Background



This preview shows how black text looks on a background with the XYZ color 41.5375, 52.0927, 102.4734.



This preview shows how white text looks on a background with the XYZ color 41.5375, 52.0927,

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

41.5375, 52.0927, 102.4734

Protanopia

51.5520, 51.1216, 90.3695

Deuteranopia

52.3979, 51.3067, 101.7493



Tritanopia

37.2979, 52.1900, 81.5067

Trichromacy



Original Color

41.5375, 52.0927, 102.4734

Protanomaly

45.2864, 50.0627, 94.4650

Deuteranomaly

46.0942, 50.3156, 101.8902

Tritanomaly

38.5016, 51.9124, 88.8798

Monochromacy



Original Color

41.5375, 52.0927, 102.4734

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.1744, 41.4849, 59.5796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5375, 52.0927, 102.4734 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(52, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(52, 206, 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(52, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.5375, 52.0927, 102.4734 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(52, 206, 255) }
```


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

```
.border{ border-color:rgb(52, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(52, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5375, 52.0927, 102.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 206, 255) }
```

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

```
.background{ background-color: rgb(52, 206,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor