

Converting Colors

XYZ(41.7765, 52.8437, 95.0529)

Have a look what the booklet for
XYZ(41.7765, 52.8437, 95.0529)
contains.

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Color

**XYZ(41.7714, 52.7353,
95.1661)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACFF6
RGB	74, 207, 246
RGB Percent	29%, 81%, 96%
CMY	0.7098, 0.1882, 0.0353
CMYK	0.70, 0.16, 0.00, 0.04
HSL	194°, 91%, 63%
HSV	194°, 70%, 96%
XYZ	41.7714, 52.7353, 95.1661
YIQ	171.6790, -91.7870, -16.0670

Conversions

Conversions Part 2

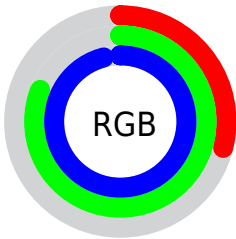
Format	Color
R _Y B	74, 149, 246
Decimal	4902902
CIE Lab	77.72, -23.81, -29.64
CIE LCh	78, 38.020, 231.220
Yxy	52.7353, 0.2202, 0.2780
Android (android.graphics.Color)	4283092982 (0xFF4ACFF6)
YUV	171.6790, 36.6403, -85.6645
Hunter-Lab	72.6191, -24.4079, -26.8652

Details

The XYZ color **41.7714, 52.7353, 95.1661** 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 **45.1491, 31.9000, 10.2582**, and the grayscale version is **38.9069, 40.9331, 44.5761**.

A 20% lighter version of the original color is **64.9653, 84.4908, 107.4921**, and **20.5225, 26.1742, 52.6857** is the 20% darker color. If you saturate the color by 10%, you get **38.9071, 49.2888, 94.6528**, and if you desaturate by 10%, it is **45.4269, 56.6626, 95.7325**.

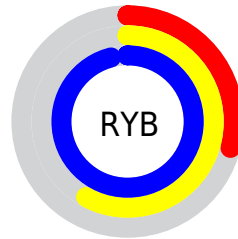
Distribution



Red (29%)

Green (81%)

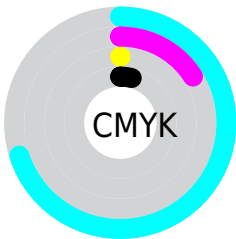
Blue (96%)



Red (29%)

Yellow (58%)

Blue (96%)

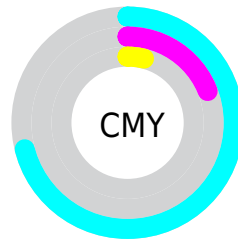


Cyan (70%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7714, 52.7353, 95.1661 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 41.7714, 52.7353, 95.1661 by changing the saturation by 10% instead.

■ 41.7714, 52.7353,
95.1661

■ 41.7714, 52.7353,
95.1661

344.5422,
397.2687, 565.6945

■ 29.1127, 37.5915,
71.6756

■ 77.1209, 94.2148,
156.4916

■ 19.3108, 25.6658,
52.4085

■ 100.5423,
121.3192, 195.1637

■ 12.0004, 16.5738,
36.9463

■ 128.2820,
153.1793, 239.7333

■ 6.8161, 9.9311,
24.8704

■ 160.7054,
190.1795, 290.6191

■ 3.3927, 5.3533,
15.7624

198.1777,
232.7041, 348.2396

■ 1.3647, 2.4560,
9.2037

241.0644,

■ 0.2308, 0.8545,

281.1376, 413.0133

4.7756

289.7308,
335.8644, 485.3588

■ 0.0000, 0.0000,
2.0598

■ 0.0000, 0.0000,
0.5917

■ 41.7714, 52.7353,
95.1661

■ 41.7714, 52.7353,
95.1661

■ 38.9071, 49.2888,
94.6528

■ 45.4269, 56.6626,
95.7325

■ 36.7364, 46.2689,
94.1844

■ 49.9460, 61.1057,
96.3519

■ 35.1091, 43.5987,
93.7547

■ 55.3984, 66.1022,
97.0290

■ 35.0961, 43.5766,
93.7511

■ 61.8450, 71.6843,
97.7666

69.3414, 77.8812,
98.5677

77.9391, 84.7201,
99.4346

87.6858, 92.2264,
100.3697

92.5681, 97.3007,
101.0918

93.6347, 99.4339,
101.4474

Harmonies

Analogous

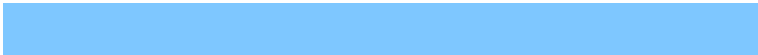
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.0541, 52.7353, 73.3747



41.7714, 52.7353, 95.1661



47.9939, 52.7353, 107.5129

Triad

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



41.7714, 52.7353, 95.1661



65.4512, 52.7353, 63.8317



45.1734, 52.7353, 27.3178

Complementary

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



41.7714, 52.7353, 95.1661



45.1491, 31.9000, 10.2582

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.



52.3148, 52.7353, 25.9559



41.7714, 52.7353, 95.1661



64.5076, 52.7353, 43.9635

Square

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



41.7714, 52.7353, 95.1661



61.9851, 52.7353, 86.7312



59.5203, 52.7353, 31.2645



39.8804, 52.7353, 35.5909

Rectangle

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



41.7714, 52.7353, 95.1661



52.9277, 52.7353, 107.0583



59.5203, 52.7353, 31.2645



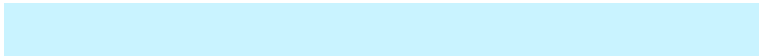
47.4198, 52.7353, 26.1327

Sweetspot

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



41.7731, 52.7372, 95.1674



74.2666, 83.7160, 106.8523



38.6655, 68.5223, 26.3069



15.3972, 17.5104, 22.8183



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.



41.7731, 52.7372, 95.1674



41.1316, 52.0376, 102.4841



26.5106, 22.2121, 90.0799



16.6594, 18.0832, 21.1549



18.8432, 23.4802, 50.0770



1.7322, 2.2158, 4.4266

Inverse Universe

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



51.7188, 28.9972, 61.9044



53.2190, 27.3093, 61.1334



59.2706, 60.1432, 14.9654



17.0434, 16.7002, 19.9753



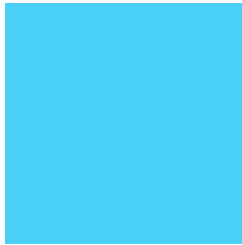
25.3157, 12.4697, 27.4345



2.2634, 1.1113, 2.6134

Previews

White Background



This preview shows how the XYZ color 41.7714, 52.7353, 95.1661 looks on a white background.

Color Contrast Check

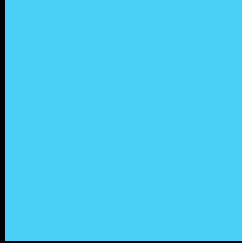
Large Text (above 18pt) WCAG AA × Fail

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 41.7714, 52.7353, 95.1661 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 41.7714, 52.7353, 95.1661

Background



This preview shows how black text looks on a background with the XYZ color 41.7714, 52.7353, 95.1661.

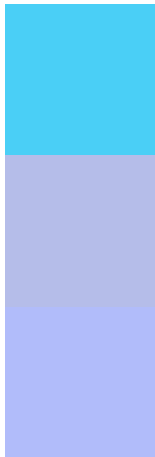


This preview shows how white text looks on a background with the XYZ color 41.7714, 52.7353,

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

41.7714, 52.7353, 95.1661

Protanopia

51.9616, 52.1021, 84.4088

Deuteranopia

53.3700, 52.2157, 97.7082



Tritanopia

38.8983, 52.6634, 80.7879

Trichromacy



Original Color

41.7714, 52.7353, 95.1661



Protanomaly

46.3279, 51.4037, 88.3691



Deuteranomaly

47.4292, 51.4452, 97.0527



Tritanomaly

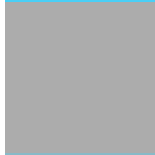
39.8985, 52.6997, 85.9111

Monochromacy



Original Color

41.7714, 52.7353, 95.1661



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.8111, 44.0557, 60.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7714, 52.7353, 95.1661 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, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(74, 207, 246)  
}
```

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, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 207, 246) }
```

Border

The CSS property to change the border of an element to XYZ 41.7714, 52.7353, 95.1661 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, 207, 246) }
```


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

```
.border{ border-color:rgb(74, 207, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 207, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 207, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 207, 246);  
box-shadow:4px 4px 4px 4px rgb(74, 207,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7714, 52.7353, 95.1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 207, 246) }
```

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

```
.background{ background-color: rgb(74, 207,  
246) }
```

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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