

Converting Colors

XYZ(42.5409, 54.8560,
102.9539)

Have a look what the booklet for
XYZ(42.5409, 54.8560, 102.9539)
contains.

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Color

**XYZ(42.5079, 54.7784,
102.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	29D4FF
RGB	41, 212, 255
RGB Percent	16%, 83%, 100%
CMY	0.8391, 0.1686, 0.0000
CMYK	0.84, 0.17, 0.00, 0.00
HSL	192°, 100%, 58%
HSV	192°, 84%, 100%
XYZ	42.5079, 54.7784, 102.9406
YIQ	165.7730, -115.7190, -22.8790

Conversions

Conversions Part 2

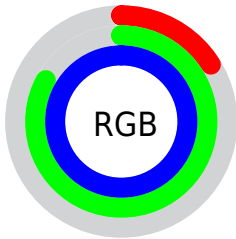
Format	Color
R _Y B	41, 136, 255
Decimal	2741503
CIE Lab	78.91, -26.74, -32.65
CIE LCh	79, 42.204, 230.680
Yxy	54.7784, 0.2123, 0.2736
Android (android.graphics.Color)	4280931583 (0xFF29D4FF)
YUV	165.7730, 43.9889, -109.4259
Hunter-Lab	74.0124, -27.0030, -30.6551

Details

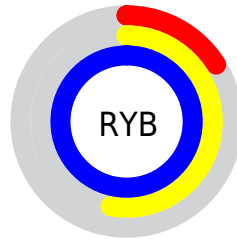
The XYZ color **42.5079, 54.7784, 102.9406** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **44.8125, 27.7639, 5.0970**, and the grayscale version is **35.9743, 37.8477, 41.2162**.

A 20% lighter version of the original color is **62.2674, 83.1000, 107.3658**, and **22.2500, 28.1912, 57.6948** is the 20% darker color. If you saturate the color by 10%, you get **40.5391, 51.8929, 102.4874**, and if you desaturate by 10%, it is **45.1777, 58.0876, 103.4387**.

Distribution



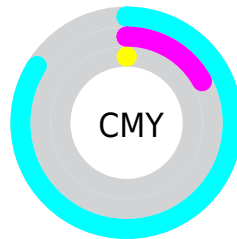
- Red (16%)
- Green (83%)
- Blue (100%)



- Red (16%)
- Yellow (53%)
- Blue (100%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (84%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5079, 54.7784, 102.9406 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 42.5079, 54.7784, 102.9406 by changing the saturation by 10% instead.


 42.5079, 54.7784,
102.9406


 42.5079, 54.7784,
102.9406


347.5400,
405.0714, 590.9069


 29.6920, 39.2243,
78.1281


 78.2281, 97.2162,
167.2794


 19.7519, 26.9343,
57.6621


 101.8631,
124.8687, 207.6428

 12.3220, 17.5239,
41.1242

 129.8353,
157.3228, 254.0269

 7.0371, 10.6087,
28.0957

 162.5099,
194.9630, 306.8502

 3.5319, 5.8044,
18.1581

200.2523,
238.1735, 366.5314

 1.4409, 2.7265,
10.8930

243.4279,

 0.2851, 0.9907,

287.3388, 433.4888

5.8816

292.4020,
342.8433, 508.1412

■ 0.0000, 0.0000,
2.7056

■ 0.0000, 0.0000,
0.9463

■ 42.5079, 54.7784,
102.9406

■ 42.5079, 54.7784,
102.9406

■ 40.5391, 51.8929,
102.4874

■ 45.1777, 58.0876,
103.4387

■ 39.5858, 50.2916,
102.2286

■ 48.6538, 61.8724,
103.9860

■ 53.0283, 66.1817,
104.5872

■ 58.3788, 71.0562,
105.2461

■ 64.7748, 76.5321,
105.9659

■ 72.2788, 82.6422,
106.7498

■ 80.9486, 89.4168,
107.6005

■ 90.8378, 96.8840,
108.5206

■ 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.



38.3984, 54.7784, 77.4700



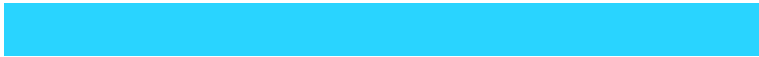
42.5079, 54.7784, 102.9406



49.4990, 54.7784, 117.7542

Triad

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



42.5079, 54.7784, 102.9406



69.6392, 54.7784, 67.4346



46.5798, 54.7784, 26.0500

Complementary

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



42.5079, 54.7784, 102.9406



44.8125, 27.7639, 5.0970

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.



54.7187, 54.7784, 24.7127



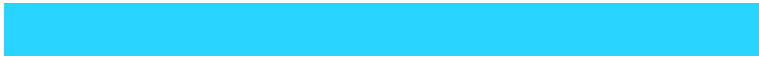
42.5079, 54.7784, 102.9406



68.6419, 54.7784, 44.7871

Square

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



42.5079, 54.7784, 102.9406



65.5519, 54.7784, 93.9245



62.9574, 54.7784, 30.5935



40.5682, 54.7784, 34.9214

Rectangle

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



42.5079, 54.7784, 102.9406



55.1087, 54.7784, 117.4553



62.9574, 54.7784, 30.5935



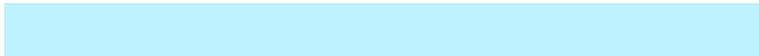
49.1359, 54.7784, 24.8185

Sweetspot

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



42.5095, 54.7803, 102.9409



71.4075, 81.9462, 106.6614



38.2685, 72.6291, 20.3520



14.7014, 17.0698, 22.7699



0.0000, 0.0000, 0.0000



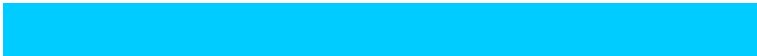
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5095, 54.7803, 102.9409



39.5858, 50.2916, 102.2286



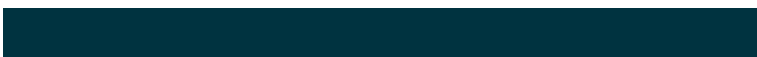
24.0389, 17.8390, 96.7840



18.2266, 19.8248, 23.1159



20.7933, 26.4961, 53.4529



2.0995, 2.7297, 5.2295

Inverse Universe

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



53.9177, 27.6010, 64.7750



52.1103, 25.6081, 59.1721



60.2293, 58.5976, 10.2359



18.6270, 18.2341, 21.9191



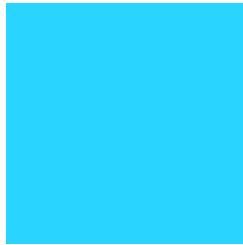
27.2837, 13.4028, 31.2080



2.6943, 1.3201, 3.2378

Previews

White Background



This preview shows how the XYZ color 42.5079, 54.7784, 102.9406 looks on a white background.

Color Contrast Check

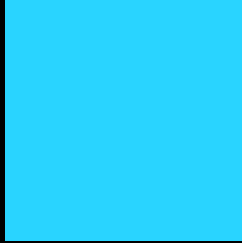
Large Text (above 18pt) WCAG AA × Fail

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 42.5079, 54.7784, 102.9406 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 42.5079, 54.7784, 102.9406

Background



This preview shows how black text looks on a background with the XYZ color 42.5079, 54.7784, 102.9406.



This preview shows how white text looks on a background with the XYZ color 42.5079, 54.7784,

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

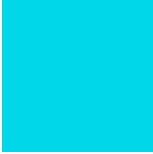
42.5079, 54.7784, 102.9406

Protanopia

53.8692, 53.9356, 90.0095

Deuteranopia

54.8123, 53.8287, 102.1088



Tritanopia

39.0084, 54.4841, 85.5513

Trichromacy



Original Color

42.5079, 54.7784, 102.9406



Protanomaly

46.2649, 52.2647, 94.0359



Deuteranomaly

47.3755, 52.6560, 102.2744



Tritanomaly

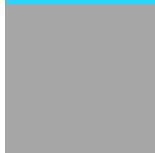
40.1208, 54.5456, 91.6329

Monochromacy



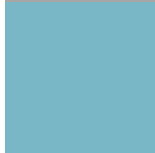
Original Color

42.5079, 54.7784, 102.9406



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

35.0117, 42.0091, 59.6893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5079, 54.7784, 102.9406 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(41, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(41, 212, 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(41, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.5079, 54.7784, 102.9406 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(41, 212, 255) }
```


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

```
.border{ border-color:rgb(41, 212, 255) }
```

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

Here you see how a box with a 4 pixel rgb(41, 212, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(41, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5079, 54.7784, 102.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 212, 255) }
```

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

```
.background{ background-color: rgb(41, 212,  
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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