

Converting Colors

XYZ(41.3961, 52.7119,
102.6003)

Have a look what the booklet for
XYZ(41.3961, 52.7119, 102.6003)
contains.

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Color

**XYZ(41.4052, 52.7438,
102.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	26D0FF
RGB	38, 208, 255
RGB Percent	15%, 82%, 100%
CMY	0.8509, 0.1843, 0.0000
CMYK	0.85, 0.18, 0.00, 0.00
HSL	193°, 100%, 57%
HSV	193°, 85%, 100%
XYZ	41.4052, 52.7438, 102.6060
YIQ	162.5280, -116.4070, -21.4230

Conversions

Conversions Part 2

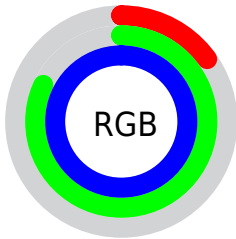
Format	Color
R _Y B	38, 133, 255
Decimal	2543871
CIE Lab	77.72, -24.95, -34.49
CIE LCh	78, 42.566, 234.118
Yxy	52.7438, 0.2104, 0.2681
Android (android.graphics.Color)	4280733951 (0xFF26D0FF)
YUV	162.5280, 45.5887, -109.2111
Hunter-Lab	72.6249, -25.3265, -32.9287

Details

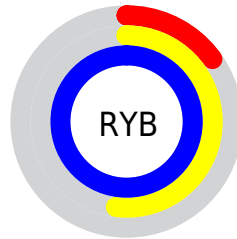
The XYZ color **41.4052, 52.7438, 102.6060** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **44.8406, 27.9008, 4.8580**, and the grayscale version is **34.4262, 36.2191, 39.4426**.

A 20% lighter version of the original color is **62.1222, 83.0251, 107.3590**, and **21.5843, 26.8597, 57.4729** is the 20% darker color. If you saturate the color by 10%, you get **39.4422, 49.7683, 102.1352**, and if you desaturate by 10%, it is **44.0604, 56.1477, 103.1231**.

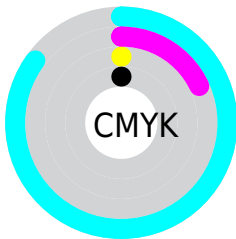
Distribution



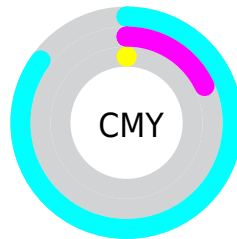
- Red (15%)
- Green (82%)
- Blue (100%)



- Red (15%)
- Yellow (52%)
- Blue (100%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4052, 52.7438, 102.6060 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 41.4052, 52.7438, 102.6060 by changing the saturation by 10% instead.

41.4052, 52.7438,
102.6060

41.4052, 52.7438,
102.6060

343.0450,
397.3014, 589.8337

28.8249, 37.5983,
77.8497

76.5694, 94.2273,
166.8169

19.0920, 25.6711,
57.4348

99.8841, 121.3340,
207.1085

11.8412, 16.5777,
40.9428

127.5076,
153.1966, 253.4157

6.7071, 9.9339,
27.9550

159.8053,
190.1995, 306.1570

3.3243, 5.3551,
18.0530

197.1425,
232.7270, 365.7509

1.3275, 2.4571,
10.8182

239.8847,

0.2036, 0.8550,

281.1636, 432.6159

5.8321

288.3970,
335.8936, 507.1707

■ 0.0000, 0.0000,
2.6761

■ 0.0000, 0.0000,
0.9314

■ 41.4052, 52.7438,
102.6060

■ 41.4052, 52.7438,
102.6060

■ 39.4422, 49.7683,
102.1352

■ 44.0604, 56.1477,
103.1231

■ 38.6501, 48.4202,
101.9167

■ 47.5167, 60.0339,
103.6911

■ 51.8679, 64.4525,
104.3146

■ 57.1932, 69.4449,
104.9975

■ 63.5628, 75.0479,
105.7433

■ 71.0401, 81.2950,
106.5550

■ 79.6834, 88.2169,
107.4355

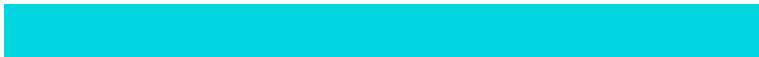
■ 89.5469, 95.8419,
108.3875

■ 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.



37.0144, 52.7438, 78.0410



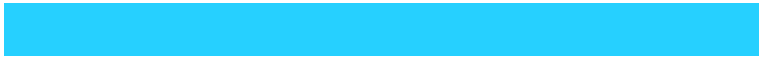
41.4052, 52.7438, 102.6060



48.5249, 52.7438, 115.4360

Triad

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



41.4052, 52.7438, 102.6060



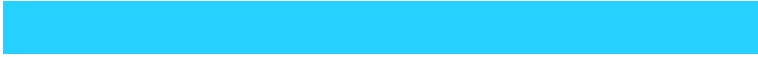
67.6044, 52.7438, 62.2067



43.9310, 52.7438, 25.1679

Complementary

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



41.4052, 52.7438, 102.6060



44.8406, 27.9008, 4.8580

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.



51.7730, 52.7438, 23.0806



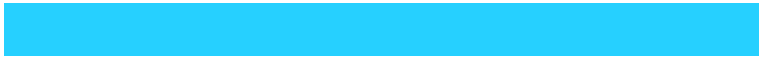
41.4052, 52.7438, 102.6060



66.0302, 52.7438, 40.8091

Square

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



41.4052, 52.7438, 102.6060



64.0980, 52.7438, 88.3474



60.0048, 52.7438, 27.9478



38.3570, 52.7438, 34.7244

Rectangle

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



41.4052, 52.7438, 102.6060



54.0968, 52.7438, 113.6427



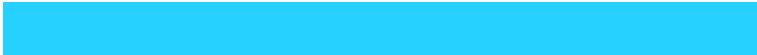
60.0048, 52.7438, 27.9478



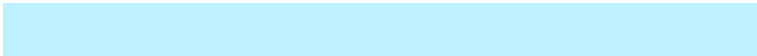
46.3646, 52.7438, 23.7025

Sweetspot

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



41.4068, 52.7456, 102.6063



70.3105, 80.6977, 106.4782



38.0613, 72.5330, 19.8618



14.4751, 16.7979, 22.7294



0.0000, 0.0000, 0.0000



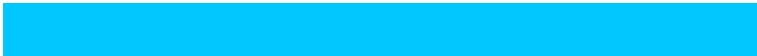
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4068, 52.7456, 102.6063



38.6501, 48.4202, 101.9167



23.7123, 17.3566, 96.7081



18.2014, 19.7743, 23.1075



20.3099, 25.5293, 53.2918



2.0564, 2.6435, 5.2151

Inverse Universe

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



53.3194, 27.2021, 62.1165



51.6380, 25.4192, 56.6851



59.9838, 58.1871, 9.9057



18.6143, 18.2290, 21.8520



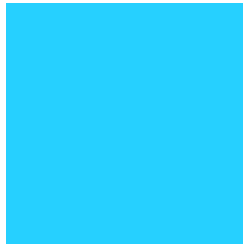
27.0397, 13.3052, 29.9231



2.6726, 1.3114, 3.1233

Previews

White Background



This preview shows how the XYZ color 41.4052, 52.7438, 102.6060 looks on a white background.

Color Contrast Check

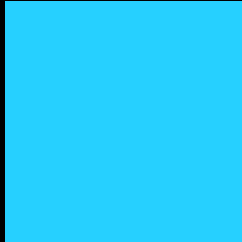
Large Text (above 18pt) WCAG AA × Fail

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 41.4052, 52.7438, 102.6060 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 41.4052, 52.7438, 102.6060

Background



This preview shows how black text looks on a background with the XYZ color 41.4052, 52.7438, 102.6060.



This preview shows how white text looks on a background with the XYZ color 41.4052, 52.7438,

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

41.4052, 52.7438, 102.6060

Protanopia

51.9919, 51.6644, 90.4511

Deuteranopia

52.8278, 51.8444, 101.8304



Tritanopia

37.6863, 52.7441, 82.3231

Trichromacy



Original Color

41.4052, 52.7438, 102.6060



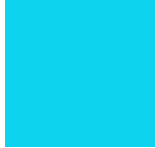
Protanomaly

44.7538, 50.1197, 94.5041



Deuteranomaly

45.7335, 50.4612, 101.9373



Tritanomaly

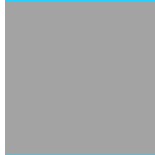
38.9080, 52.8549, 89.0403

Monochromacy



Original Color

41.4052, 52.7438, 102.6060



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

33.5551, 40.0773, 58.1917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4052, 52.7438, 102.6060 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(38, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(38, 208, 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(38, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.4052, 52.7438, 102.6060 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(38, 208, 255) }
```


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

```
.border{ border-color:rgb(38, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(38, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4052, 52.7438, 102.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 208, 255) }
```

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

```
.background{ background-color: rgb(38, 208,  
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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