

Converting Colors

XYZ(41.3038, 52.1187, 74.8617)

Have a look what the booklet for
XYZ(41.3038, 52.1187, 74.8617)
contains.

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Color

**XYZ(41.4276, 52.2878,
74.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	71CDDB
RGB	113, 205, 219
RGB Percent	44%, 80%, 86%
CMY	0.5568, 0.1961, 0.1412
CMYK	0.48, 0.06, 0.00, 0.14
HSL	188°, 60%, 65%
HSV	188°, 48%, 86%
XYZ	41.4276, 52.2878, 74.9269
YIQ	179.0880, -59.3260, -15.1500

Conversions

Conversions Part 2

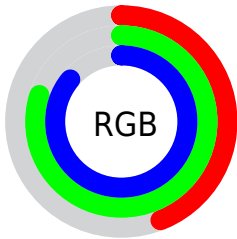
Format	Color
RYB	113, 162, 219
Decimal	7458267
CIELab	77.45, -23.71, -15.45
CIELCh	77, 28.300, 213.081
Yxy	52.2878, 0.2457, 0.3101
Android (android.graphics.Color)	4285648347 (0xFF71CDDB)
YUV	179.0880, 19.6766, -57.9592
Hunter-Lab	72.3103, -24.2778, -10.8182

Details

The XYZ color **41.4276, 52.2878, 74.9269** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.7846, 31.4323, 19.5946**, and the grayscale version is **42.8172, 45.0470, 49.0562**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **19.1836, 25.5436, 39.0413** is the 20% darker color. If you saturate the color by 10%, you get **38.2577, 49.6372, 74.5833**, and if you desaturate by 10%, it is **45.2932, 55.3184, 75.3091**.

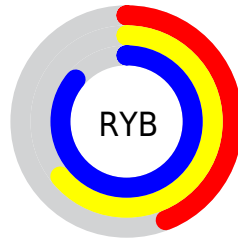
Distribution



Red (44%)

Green (80%)

Blue (86%)



Red (44%)

Yellow (64%)

Blue (86%)

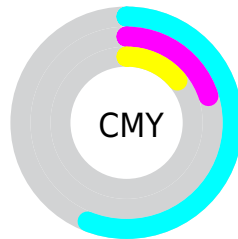


Cyan (48%)

Magenta (6%)

Yellow (0%)

Black (14%)



Cyan (56%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4276, 52.2878, 74.9269 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 41.4276, 52.2878, 74.9269 by changing the saturation by 10% instead.

■ 41.4276, 52.2878,
74.9269

■ 41.4276, 52.2878,
74.9269

343.1367,
395.5467, 496.9150

■ 28.8425, 37.2345,
55.0516

■ 76.6032, 93.5555,
127.9550

■ 19.1054, 25.3891,
39.0442

■ 99.9244, 120.5388,
161.9450

■ 11.8509, 16.3672,
26.4860

■ 127.5550,
152.2675, 201.4769

■ 6.7137, 9.7844,
16.9586

159.8604,
189.1261, 246.9693

■ 3.3284, 5.2562,
10.0433

197.2059,
231.4989, 298.8408

■ 1.3297, 2.3984,
5.3217

239.9569,

■ 0.2053, 0.8251,

279.7703, 357.5099

2.3752

288.4787,
334.3248, 423.3951

■ 0.0000, 0.0000,
0.7729

■ 0.0000, 0.0000,
0.0000

■ 41.4276, 52.2878,
74.9269

■ 41.4276, 52.2878,
74.9269

■ 38.2577, 49.6372,
74.5833

■ 45.2932, 55.3184,
75.3091

■ 35.7290, 47.3349,
74.2722

■ 49.8946, 58.7462,
75.7282

■ 33.7865, 45.3535,
73.9921

■ 55.2744, 62.5944,
76.1874

■ 32.3635, 43.6587,
73.7400

■ 61.4706, 66.8828,
76.6886

■ 31.3614, 42.1994,
73.5111

■ 68.5186, 71.6298,
77.2333

■ 31.2170, 41.9759,
73.4756

■ 76.4517, 76.8525,
77.8233

■ 81.0188, 80.3595,
78.2595

■ 81.8085, 81.9388,
78.5227

■ 82.6115, 83.5448,
78.7904

Harmonies

Analogous

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



39.9549, 52.2878, 58.5602



41.4276, 52.2878, 74.9269



45.1049, 52.2878, 88.0893

Triad

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



41.4276, 52.2878, 74.9269



59.6352, 52.2878, 71.6228



49.1371, 52.2878, 31.9233

Complementary

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



41.4276, 52.2878, 74.9269



39.7846, 31.4323, 19.5946

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.



54.5927, 52.2878, 34.1541



41.4276, 52.2878, 74.9269



60.9087, 52.2878, 55.3353

Square

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



41.4276, 52.2878, 74.9269



55.6375, 52.2878, 85.9498



59.0017, 52.2878, 42.0778



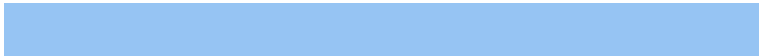
44.1970, 52.2878, 35.3139

Rectangle

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



41.4276, 52.2878, 74.9269



48.4468, 52.2878, 92.2080



59.0017, 52.2878, 42.0778



50.9706, 52.2878, 32.0425

Sweetspot

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



41.4292, 52.2898, 74.9281



80.7606, 90.2727, 107.7756



35.8681, 55.6650, 28.3807



16.9030, 19.0546, 23.0370



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.



41.4292, 52.2898, 74.9281



53.9679, 70.0370, 105.2818



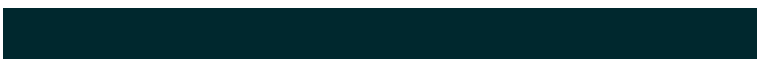
31.0929, 31.6172, 71.4827



13.2906, 14.5209, 16.7545



18.5680, 25.0054, 43.5863



1.2445, 1.7032, 2.8376

Inverse Universe

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



46.1394, 31.2797, 61.3654



61.5712, 37.8215, 83.0073



48.1888, 48.2407, 22.3960



13.5365, 13.2437, 16.0866



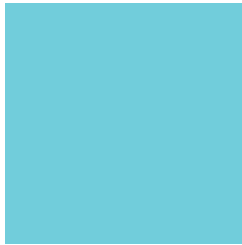
22.8676, 11.1481, 30.0124



1.5025, 0.7306, 2.0549

Previews

White Background



This preview shows how the XYZ color 41.4276, 52.2878, 74.9269 looks on a white background.

Color Contrast Check

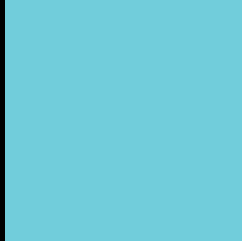
Large Text (above 18pt) WCAG AA × Fail

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 41.4276, 52.2878, 74.9269 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 41.4276, 52.2878, 74.9269

Background



This preview shows how black text looks on a background with the XYZ color 41.4276, 52.2878, 74.9269.



This preview shows how white text looks on a background with the XYZ color 41.4276, 52.2878,

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

41.4276, 52.2878, 74.9269

Protanopia

50.4453, 51.6900, 67.6400

Deuteranopia

52.8705, 51.7830, 77.0206



Tritanopia

41.8219, 52.4605, 76.3283

Trichromacy



Original Color

41.4276, 52.2878, 74.9269

Protanomaly

46.2233, 51.4114, 70.4380

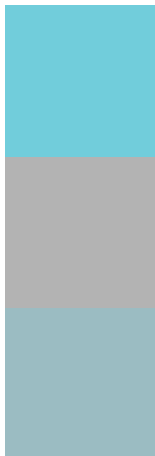
Deuteranomaly

47.5646, 51.3064, 76.5034

Tritanomaly

41.6890, 52.4074, 75.6285

Monochromacy



Original Color

41.4276, 52.2878, 74.9269

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.2384, 46.8300, 57.9045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4276, 52.2878, 74.9269 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(113, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(113, 205, 219)  
}
```

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(113, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 205, 219) }
```

Border

The CSS property to change the border of an element to XYZ 41.4276, 52.2878, 74.9269 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(113, 205, 219) }
```


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

```
.border{ border-color:rgb(113, 205, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(113, 205,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4276, 52.2878, 74.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 205, 219) }
```

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

```
.background{ background-color: rgb(113,  
205, 219) }
```

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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