

Converting Colors

XYZ(41.3420, 49.4598, 75.0779)

Have a look what the booklet for
XYZ(41.3420, 49.4598, 75.0779)
contains.

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Color

**XYZ(41.3420, 49.4598,
75.0779)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC5DC
RGB	125, 197, 220
RGB Percent	49%, 77%, 86%
CMY	0.5098, 0.2274, 0.1372
CMYK	0.43, 0.10, 0.00, 0.14
HSL	195°, 58%, 68%
HSV	195°, 43%, 86%
XYZ	41.3420, 49.4598, 75.0779
YIQ	178.0940, -50.2950, -8.1110

Conversions

Conversions Part 2

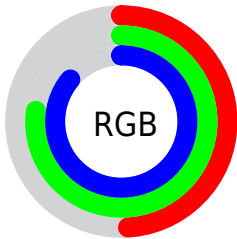
Format	Color
RYB	125, 166, 220
Decimal	8242652
CIELab	75.74, -16.58, -18.52
CIELCh	76, 24.859, 228.175
Yxy	49.4598, 0.2492, 0.2982
Android (android.graphics.Color)	4286432732 (0xFF7DC5DC)
YUV	178.0940, 20.6597, -46.5634
Hunter-Lab	70.3277, -18.1425, -14.0653

Details

The XYZ color **41.3420, 49.4598, 75.0779** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8078, 37.8772, 24.4056**, and the grayscale version is **42.2812, 44.4831, 48.4421**.

A 20% lighter version of the original color is **72.7832, 88.0487, 107.7668**, and **19.0682, 23.6267, 39.1527** is the 20% darker color. If you saturate the color by 10%, you get **37.2913, 45.6089, 74.5490**, and if you desaturate by 10%, it is **46.1498, 53.7666, 75.6567**.

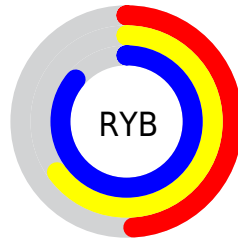
Distribution



Red (49%)

Green (77%)

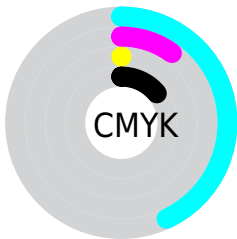
Blue (86%)



Red (49%)

Yellow (65%)

Blue (86%)

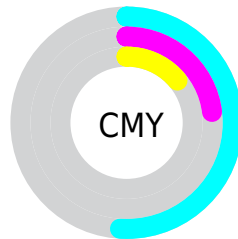


Cyan (43%)

Magenta (10%)

Yellow (0%)

Black (14%)



Cyan (51%)

Magenta (23%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3420, 49.4598, 75.0779 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 41.3420, 49.4598, 75.0779 by changing the saturation by 10% instead.

■ 41.3420, 49.4598,
75.0779

■ 41.3420, 49.4598,
75.0779

342.7862,
384.5497, 497.4478

■ 28.7753, 34.9844,
55.1746

■ 76.4742, 89.3740,
128.1707

■ 19.0543, 23.6508,
39.1420

■ 99.7704, 115.5815,
162.1974

■ 11.8138, 15.0748,
26.5615

■ 127.3738,
146.4685, 201.7688

■ 6.6883, 8.8719,
17.0147

159.6498,
182.4194, 247.3037

■ 3.3125, 4.6577,
10.0829

196.9636,
223.8186, 299.2205

■ 1.3211, 2.0479,
5.3476

239.6807,

■ 0.1989, 0.6351,

271.0504, 357.9377

2.3903

288.1665,
324.4993, 423.8740

■ 0.0000, 0.0000,
0.7812

■ 0.0000, 0.0000,
0.0000

■ 41.3420, 49.4598,
75.0779

■ 41.3420, 49.4598,
75.0779

■ 37.2913, 45.6089,
74.5490

■ 46.1498, 53.7666,
75.6567

■ 33.9451, 42.1829,
74.0640


■ 51.7536, 58.5468,
76.2840


■ 31.2513, 39.1553,
73.6216


■ 58.1951, 63.8235,
76.9630

■ 29.1479, 36.4936,
73.2187

■ 65.5117, 69.6167,
77.6956


 27.5603, 34.1585,
72.8517


 73.7383, 75.9450,
78.4835

 26.6897, 32.7099,
72.6180

 82.1666, 82.4437,
79.2936

 83.6627, 85.4358,
79.7923

 85.2043, 88.5192,
80.3062

 86.7920, 91.6945,
80.8354

Harmonies

Analogous

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



39.0794, 49.4598, 62.1684



41.3420, 49.4598, 75.0779



45.2165, 49.4598, 82.7259

Triad

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



41.3420, 49.4598, 75.0779



56.2331, 49.4598, 59.2260



44.2983, 49.4598, 33.1513

Complementary

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



41.3420, 49.4598, 75.0779



43.8078, 37.8772, 24.4056

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.



48.8504, 49.4598, 32.6272



41.3420, 49.4598, 75.0779



55.9471, 49.4598, 46.3148

Square

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



41.3420, 49.4598, 75.0779



53.9314, 49.4598, 72.6229



53.1739, 49.4598, 37.0610



40.7078, 49.4598, 38.6332

Rectangle

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



41.3420, 49.4598, 75.0779



48.2822, 49.4598, 83.1003



53.1739, 49.4598, 37.0610



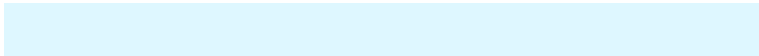
45.7605, 49.4598, 32.4266

Sweetspot

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



41.3435, 49.4617, 75.0791



81.3813, 89.2320, 107.5420



39.3315, 57.6593, 36.7303



16.9675, 18.7347, 22.9718



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.



41.3435, 49.4617, 75.0791



52.4934, 64.1081, 104.2151



32.3367, 31.4481, 72.0768



13.1639, 14.2676, 16.7122



15.7546, 19.3787, 42.6485



1.0860, 1.3861, 2.7848

Inverse Universe

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



46.9282, 33.9156, 56.8983



61.5544, 40.5998, 74.3327



52.6585, 55.5786, 27.3559



13.4726, 13.2181, 15.7499



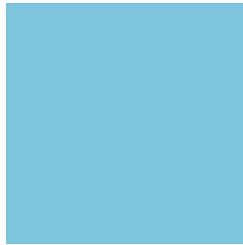
21.4475, 10.5801, 22.5345



1.4224, 0.6986, 1.6335

Previews

White Background



This preview shows how the XYZ color 41.3420, 49.4598, 75.0779 looks on a white background.

Color Contrast Check

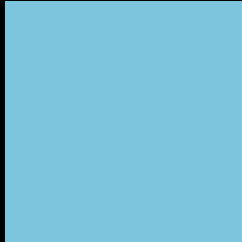
Large Text (above 18pt) WCAG AA × Fail

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 41.3420, 49.4598, 75.0779 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 41.3420, 49.4598, 75.0779

Background



This preview shows how black text looks on a background with the XYZ color 41.3420, 49.4598, 75.0779.



This preview shows how white text looks on a background with the XYZ color 41.3420, 49.4598,

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

41.3420, 49.4598, 75.0779

Protanopia

48.0802, 48.8582, 69.1838

Deuteranopia

50.0548, 49.0979, 76.6507



Tritanopia

40.5001, 49.4542, 71.0294

Trichromacy



Original Color

41.3420, 49.4598, 75.0779

Protanomaly

45.1613, 48.8786, 71.3442

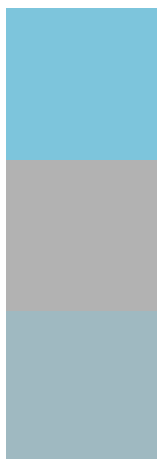
Deuteranomaly

46.0594, 48.6011, 76.0606

Tritanomaly

40.9009, 49.6311, 72.3898

Monochromacy



Original Color

41.3420, 49.4598, 75.0779

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.2727, 45.9191, 57.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3420, 49.4598, 75.0779 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(125, 197, 220)` looks like.

```
.text, #text, p{  
    color:rgb(125, 197, 220)  
}
```

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(125, 197, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 197, 220) }
```

Border

The CSS property to change the border of an element to XYZ 41.3420, 49.4598, 75.0779 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(125, 197, 220) }
```


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

```
.border{ border-color:rgb(125, 197, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 197, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 197, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 197, 220);  
box-shadow:4px 4px 4px 4px rgb(125, 197,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3420, 49.4598, 75.0779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 197, 220) }
```

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

```
.background{ background-color: rgb(125,  
197, 220) }
```

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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