

Converting Colors

XYZ(38.2595, 48.8527, 61.4479)

Have a look what the booklet for
XYZ(38.2595, 48.8527, 61.4479)
contains.

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Color

**XYZ(38.2034, 48.8219,
61.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	76C7C7
RGB	118, 199, 199
RGB Percent	46%, 78%, 78%
CMY	0.5372, 0.2196, 0.2196
CMYK	0.41, 0.00, 0.00, 0.22
HSL	180°, 42%, 62%
HSV	180°, 41%, 78%
XYZ	38.2034, 48.8219, 61.4429
YIQ	174.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

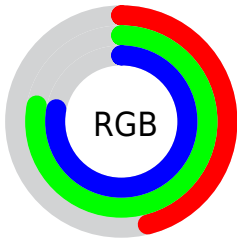
Format	Color
RYB	118, 159, 199
Decimal	7784391
CIELab	75.34, -24.71, -7.79
CIELCh	75, 25.909, 197.496
Yxy	48.8219, 0.2573, 0.3288
Android (android.graphics.Color)	4285974471 (0xFF76C7C7)
YUV	174.7810, 11.9400, -49.7969
Hunter-Lab	69.8727, -24.6810, -3.2261

Details

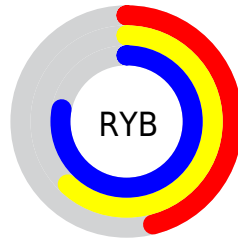
The XYZ color **38.2034, 48.8219, 61.4429** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.3033, 26.4083, 20.4832**, and the grayscale version is **40.5936, 42.7077, 46.5087**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **17.2228, 23.3193, 30.3814** is the 20% darker color. If you saturate the color by 10%, you get **35.7812, 47.5744, 61.3303**, and if you desaturate by 10%, it is **41.1985, 50.3671, 61.5844**.

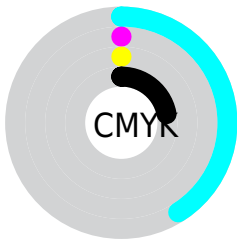
Distribution



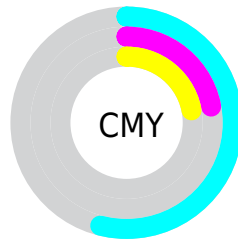
- Red (46%)
- Green (78%)
- Blue (78%)



- Red (46%)
- Yellow (62%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2034, 48.8219, 61.4429 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 38.2034, 48.8219, 61.4429 by changing the saturation by 10% instead.

■ 38.2034, 48.8219,
61.4429

■ 38.2034, 48.8219,
61.4429

329.7575,
382.0408, 447.8475

■ 26.3185, 34.4782,
44.1498

■ 71.7217, 88.4269,
108.4837

■ 17.1960, 23.2612,
30.4503

■ 94.0858, 114.4570,
139.0686

■ 10.4705, 14.7865,
19.9256

■ 120.6737,
145.1513, 174.9211

■ 5.7767, 8.6697,
12.1575

151.8507,
180.8943, 216.4598

■ 2.7491, 4.5264,
6.7272

187.9823,
222.0704, 264.1032

■ 1.0225, 1.9721,
3.2162

229.4337,

■ 0.0000, 0.5912,

269.0639, 318.2700

1.2061

276.5703,
322.2592, 379.3786

■ 0.0000, 0.0000,
0.0000

■ 38.2034, 48.8219,
61.4429

■ 38.2034, 48.8219,
61.4429

■ 35.7812, 47.5744,
61.3303

■ 41.1985, 50.3671,
61.5844

■ 33.8916, 46.6003,
61.2416

■ 44.7953, 52.2213,
61.7531

■ 32.4956, 45.8806,
61.1759

■ 49.0257, 54.4021,
61.9514

■ 31.5472, 45.3917,
61.1312

■ 53.9180, 56.9242,
62.1806

■ 30.9918, 45.1054,
61.1049

■ 59.4991, 59.8014,
62.4421

■ 30.7328, 44.9719,
61.0925

■ 65.7941, 63.0466,
62.7370

■ 71.9736, 66.2322,
63.0265

■ 71.9737, 66.2322,
63.0268

■ 71.9737, 66.2323,
63.0271

Harmonies

Analogous

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



38.0223, 48.8219, 47.6781



38.2034, 48.8219, 61.4429



40.4853, 48.8219, 74.9418

Triad

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



38.2034, 48.8219, 61.4429



53.4905, 48.8219, 72.9288



48.4156, 48.8219, 31.4383

Complementary

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



38.2034, 48.8219, 61.4429



33.3033, 26.4083, 20.4832

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.



52.8727, 48.8219, 36.0676



38.2034, 48.8219, 61.4429



55.9344, 48.8219, 59.0440

Square

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



38.2034, 48.8219, 61.4429



49.2127, 48.8219, 82.3132



55.7008, 48.8219, 45.6548



43.7038, 48.8219, 31.8568

Rectangle

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



38.2034, 48.8219, 61.4429



42.9849, 48.8219, 81.2681



55.7008, 48.8219, 45.6548



49.9992, 48.8219, 32.4175

Sweetspot

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



38.2048, 48.8238, 61.4440



84.6745, 94.6512, 108.4138



31.3508, 46.1035, 24.3871



17.9045, 20.1462, 23.1947



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.



38.2048, 48.8238, 61.4440



63.0231, 83.4896, 107.3985



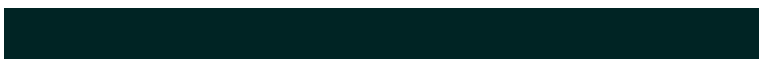
30.3263, 33.0663, 58.8190



10.9467, 12.0676, 13.6697



19.7612, 28.9168, 39.2824



0.9357, 1.3692, 1.8600

Inverse Universe

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



33.3033, 26.4083, 20.4832



53.2621, 38.8517, 25.8297



38.9073, 37.6165, 22.3506



10.6339, 10.6370, 11.0555



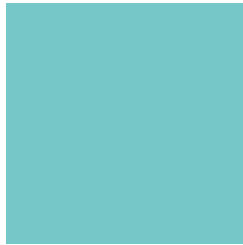
15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 38.2034, 48.8219, 61.4429 looks on a white background.

Color Contrast Check

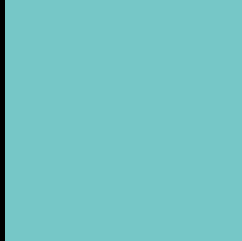
Large Text (above 18pt) WCAG AA × Fail

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 38.2034, 48.8219, 61.4429 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

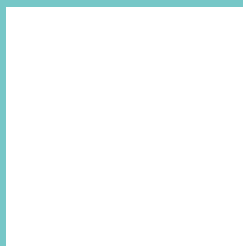
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2034, 48.8219, 61.4429

Background



This preview shows how black text looks on a background with the XYZ color 38.2034, 48.8219, 61.4429.



This preview shows how white text looks on a background with the XYZ color 38.2034, 48.8219,

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

38.2034, 48.8219, 61.4429

Protanopia

46.6845, 48.4378, 55.6041

Deuteranopia

49.3489, 48.4236, 63.2456



Tritanopia

40.0025, 48.8742, 70.2761

Trichromacy



Original Color

38.2034, 48.8219, 61.4429

Protanomaly

42.5212, 47.8225, 57.4416

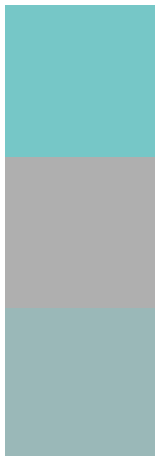
Deuteranomaly

44.1569, 47.9119, 62.7977

Tritanomaly

39.4644, 49.0072, 67.0538

Monochromacy



Original Color

38.2034, 48.8219, 61.4429

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.1186, 44.6117, 51.8965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2034, 48.8219, 61.4429 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(118, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(118, 199, 199)  
}
```

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(118, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 38.2034, 48.8219, 61.4429 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(118, 199, 199) }
```


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

```
.border{ border-color:rgb(118, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(118, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2034, 48.8219, 61.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 199, 199) }
```

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

```
.background{ background-color: rgb(118,  
199, 199) }
```

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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