

Converting Colors

XYZ(38.1797, 47.4064, 63.6414)

Have a look what the booklet for
XYZ(38.1797, 47.4064, 63.6414)
contains.

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Color

**XYZ(38.1798, 47.4070,
63.6381)**

Conversions

Conversions Part 1

Format	Color
Hex	79C3CB
RGB	121, 195, 203
RGB Percent	47%, 76%, 80%
CMY	0.5255, 0.2353, 0.2039
CMYK	0.40, 0.04, 0.00, 0.20
HSL	186°, 44%, 64%
HSV	186°, 40%, 80%
XYZ	38.1798, 47.4070, 63.6381
YIQ	173.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

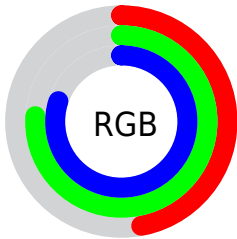
Format	Color
R _Y B	121, 160, 203
Decimal	7979979
CIE Lab	74.45, -20.95, -11.27
CIE LCh	74, 23.785, 208.284
Yxy	47.4070, 0.2559, 0.3177
Android (android.graphics.Color)	4286170059 (0xFF79C3CB)
YUV	173.7860, 14.4025, -46.2933
Hunter-Lab	68.8527, -21.5116, -6.6027

Details

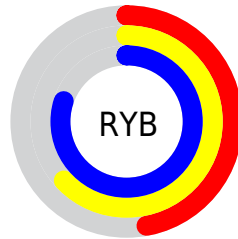
The XYZ color **38.1798, 47.4070, 63.6381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9309, 29.7782, 21.9444**, and the grayscale version is **40.0692, 42.1559, 45.9078**.

A 20% lighter version of the original color is **70.9919, 86.1879, 107.5020**, and **17.1965, 22.3779, 31.8468** is the 20% darker color. If you saturate the color by 10%, you get **35.1885, 45.2118, 63.3729**, and if you desaturate by 10%, it is **41.7784, 49.9263, 63.9355**.

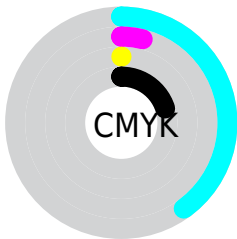
Distribution



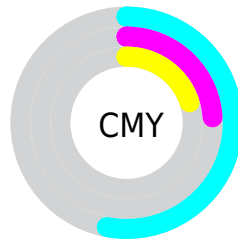
- Red (47%)
- Green (76%)
- Blue (80%)



- Red (47%)
- Yellow (63%)
- Blue (80%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1798, 47.4070, 63.6381 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 38.1798, 47.4070, 63.6381 by changing the saturation by 10% instead.

■ 38.1798, 47.4070,
63.6381

■ 38.1798, 47.4070,
63.6381

329.6582,
376.4368, 456.0531

■ 26.3001, 33.3575,
45.9133

■ 71.6858, 86.3208,
111.6840

■ 17.1821, 22.4005,
31.8292

■ 94.0428, 111.9540,
142.8422

■ 10.4606, 14.1515,
20.9674

■ 120.6229,
142.2171, 179.3153

■ 5.7700, 8.2261,
12.9091

151.7915,
177.4947, 221.5219

■ 2.7450, 4.2400,
7.2360

187.9140,
218.1710, 269.8804

■ 1.0204, 1.8087,
3.5295

229.3557,

■ 0.0000, 0.4926,

264.6305, 324.8094

1.3709

276.4820,
317.2577, 386.7275

■ 0.0000, 0.0000,
0.1189

■ 0.0000, 0.0000,
0.0000

■ 38.1798, 47.4070,
63.6381

■ 38.1798, 47.4070,
63.6381

■ 35.1885, 45.2118,
63.3729

■ 41.7784, 49.9263,
63.9355

■ 32.7624, 43.3155,
63.1347

■ 46.0147, 52.7819,
64.2634

■ 30.8606, 41.6982,
62.9228

■ 50.9219, 55.9923,
64.6245

■ 29.4351, 40.3351,
62.7348

■ 56.5300, 59.5727,
65.0200

■ 28.4287, 39.1966,
62.5681

■ 62.8669, 63.5378,
65.4513

■ 27.7546, 38.2618,
62.4232

■ 69.9590, 67.9011,
65.9197

■ 74.7867, 71.1059,
66.2839

■ 75.2751, 72.0828,
66.4467

■ 75.7696, 73.0717,
66.6115

Harmonies

Analogous

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



37.3082, 47.4070, 50.9143



38.1798, 47.4070, 63.6381



40.8610, 47.4070, 74.4293

Triad

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



38.1798, 47.4070, 63.6381



52.4447, 47.4070, 65.0567



45.3063, 47.4070, 31.4264

Complementary

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



38.1798, 47.4070, 63.6381



35.9309, 29.7782, 21.9444

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.



49.5349, 47.4070, 34.0206



38.1798, 47.4070, 63.6381



53.8151, 47.4070, 52.3285

Square

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



38.1798, 47.4070, 63.6381



49.0808, 47.4070, 75.3354



52.7184, 47.4070, 41.2159



41.2630, 47.4070, 33.4879

Rectangle

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



38.1798, 47.4070, 63.6381



43.4050, 47.4070, 78.3705



52.7184, 47.4070, 41.2159



46.7543, 47.4070, 31.7735

Sweetspot

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



38.1812, 47.4089, 63.6392



83.7298, 92.7617, 108.0995



33.1275, 48.3319, 27.9488



17.6805, 19.6981, 23.1202



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.



38.1812, 47.4089, 63.6392



59.7288, 76.3120, 106.1894



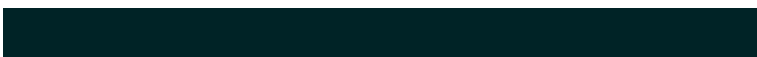
30.4149, 31.8762, 61.0504



11.4461, 12.5327, 14.3861



17.7000, 24.4239, 39.7377



0.9409, 1.3155, 2.0593

Inverse Universe

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



41.3175, 30.3127, 55.3051



65.7598, 44.4005, 89.9469



42.2378, 42.3921, 24.0467



11.6385, 11.3842, 13.8972



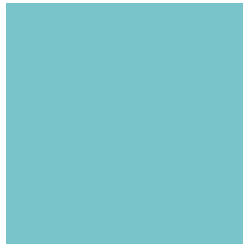
21.1450, 10.2686, 29.5460



1.1049, 0.5353, 1.5980

Previews

White Background



This preview shows how the XYZ color 38.1798, 47.4070, 63.6381 looks on a white background.

Color Contrast Check

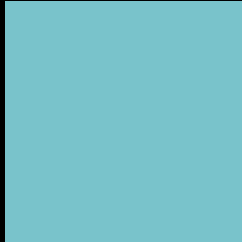
Large Text (above 18pt) WCAG AA × Fail

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 38.1798, 47.4070, 63.6381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

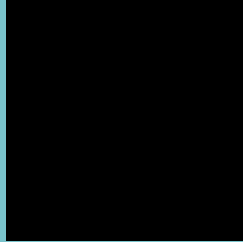
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1798, 47.4070, 63.6381

Background



This preview shows how black text looks on a background with the XYZ color 38.1798, 47.4070, 63.6381.



This preview shows how white text looks on a background with the XYZ color 38.1798, 47.4070,

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

38.1798, 47.4070, 63.6381

Protanopia

45.5529, 46.8879, 57.6883

Deuteranopia

47.9219, 47.0371, 65.5848



Tritanopia

39.0930, 47.4477, 68.0707

Trichromacy



Original Color

38.1798, 47.4070, 63.6381

Protanomaly

42.1342, 46.6226, 59.6017

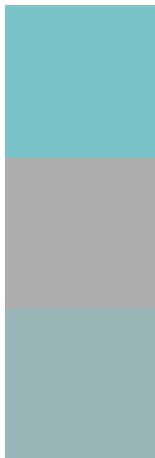
Deuteranomaly

43.5909, 46.6297, 65.0955

Tritanomaly

38.5803, 47.2261, 66.1136

Monochromacy



Original Color

38.1798, 47.4070, 63.6381

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.0025, 43.9272, 52.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1798, 47.4070, 63.6381 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(121, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(121, 195, 203)  
}
```

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(121, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 195, 203) }
```

Border

The CSS property to change the border of an element to XYZ 38.1798, 47.4070, 63.6381 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(121, 195, 203) }
```


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

```
.border{ border-color:rgb(121, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(121, 195,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1798, 47.4070, 63.6381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 195, 203) }
```

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

```
.background{ background-color: rgb(121,  
195, 203) }
```

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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