

Converting Colors

XYZ(30.2033, 38.5014, 41.7262)

Have a look what the booklet for
XYZ(30.2033, 38.5014, 41.7262)
contains.

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Color

**XYZ(30.1394, 38.3759,
41.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	75B2A6
RGB	117, 178, 166
RGB Percent	46%, 70%, 65%
CMY	0.5412, 0.3019, 0.3490
CMYK	0.34, 0.00, 0.07, 0.30
HSL	168°, 28%, 58%
HSV	168°, 34%, 70%
XYZ	30.1394, 38.3759, 41.8952
YIQ	158.3930, -32.5040, -16.6640

Conversions

Conversions Part 2

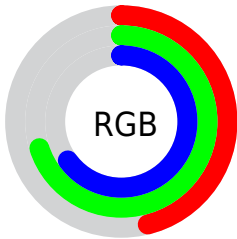
Format	Color
RYB	117, 151, 178
Decimal	7713446
CIELab	68.30, -22.39, -0.13
CIElCh	68, 22.390, 180.327
Yxy	38.3759, 0.2730, 0.3476
Android (android.graphics.Color)	4285903526 (0xFF75B2A6)
YUV	158.3930, 3.7503, -36.3017
Hunter-Lab	61.9483, -21.5648, 3.2664

Details

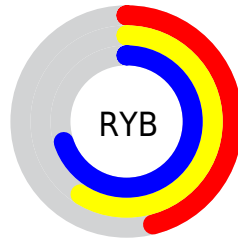
The XYZ color **30.1394, 38.3759, 41.8952** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.6851, 23.7734, 23.8470**, and the grayscale version is **32.6728, 34.3743, 37.4336**.

A 20% lighter version of the original color is **59.2685, 72.7240, 79.3200**, and **12.5509, 17.0060, 18.5406** is the 20% darker color. If you saturate the color by 10%, you get **27.6548, 37.1326, 40.1253**, and if you desaturate by 10%, it is **33.0898, 39.8602, 43.7343**.

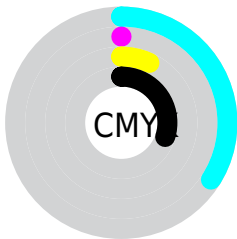
Distribution



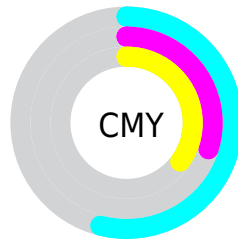
- Red (46%)
- Green (70%)
- Blue (65%)



- Red (46%)
- Yellow (59%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)





- Cyan (54%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1394, 38.3759, 41.8952 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 30.1394, 38.3759, 41.8952 by changing the saturation by 10% instead.


 30.1394, 38.3759,
41.8952


 30.1394, 38.3759,
41.8952


294.4519,
339.2297, 369.8352

 20.0930, 26.2746,
28.6943


 59.2677, 72.6839,
79.3094

 12.5713, 17.0292,
18.6061

 79.0803, 95.6594,
104.3597

 7.2090, 10.2553,
11.2121


 102.8790,
123.0284, 134.1969

 3.6406, 5.5685,
6.0937

131.0292,
155.1753, 169.2395

 1.5009, 2.5846,
2.8324

163.8962,
192.4845, 209.9062

 0.3265, 0.9189,
1.0097

201.8455,

 0.0000, 0.0000,

235.3403, 256.6153

0.0000

245.2422,
284.1273, 309.7854

■ 30.1394, 38.3759,
41.8952

■ 30.1394, 38.3759,
41.8952

■ 27.6548, 37.1326,
40.1253

■ 33.0898, 39.8602,
43.7343

■ 25.6066, 36.1124,
38.4203

■ 36.5264, 41.5932,
45.6413

■ 23.9676, 35.3021,
36.7794

■ 40.4727, 43.5879,
47.6185

■ 22.7057, 34.6852,
35.2007

■ 44.9495, 45.8551,
49.6673

■ 21.7842, 34.2428,
33.6822

■ 49.9763, 48.4048,
51.7890

■ 21.1587, 33.9520,
32.2214

■ 55.5720, 51.2466,
53.9846

■ 20.8776, 33.8248,
31.4076

■ 61.7542, 54.3898,
56.2555

■ 66.9009, 56.9981,
58.5259

■ 67.2990, 57.1574,
60.6226

Harmonies

Analogous

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



30.9246, 38.3759, 32.9356



30.1394, 38.3759, 41.8952



30.9591, 38.3759, 52.3137

Triad

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



30.1394, 38.3759, 41.8952



39.9869, 38.3759, 60.7677



39.9160, 38.3759, 27.1519

Complementary

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



30.1394, 38.3759, 41.8952



28.6851, 23.7734, 23.8470

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.



42.6103, 38.3759, 32.7729



30.1394, 38.3759, 41.8952



42.6530, 38.3759, 52.0922

Square

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



30.1394, 38.3759, 41.8952



36.5137, 38.3759, 64.2229



43.6418, 38.3759, 41.6747



36.4367, 38.3759, 25.2963

Rectangle

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



30.1394, 38.3759, 41.8952



32.3376, 38.3759, 58.4805



43.6418, 38.3759, 41.6747



40.9513, 38.3759, 28.6140

Sweetspot

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



30.1405, 38.3774, 41.8961



69.0534, 76.8469, 84.2175



28.2161, 37.8096, 22.6409



15.0831, 16.9165, 18.5486



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.1405, 38.3774, 41.8961



51.2247, 67.8730, 73.5723



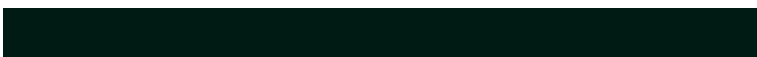
27.8919, 32.0353, 46.8347



8.6696, 9.6023, 10.5195



14.9599, 24.2100, 22.5897



0.4890, 0.7691, 0.8073

Inverse Universe

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



28.6851, 23.7734, 23.8470



48.1971, 37.4175, 35.9698



30.2781, 28.1622, 20.6701



8.5624, 8.5317, 9.1943



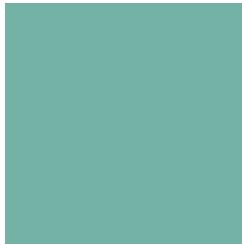
13.3725, 6.8666, 1.8558



0.4408, 0.2241, 0.1641

Previews

White Background



This preview shows how the XYZ color 30.1394, 38.3759, 41.8952 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 30.1394, 38.3759, 41.8952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

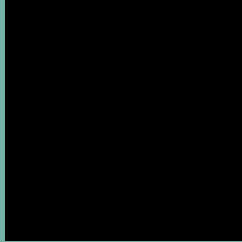
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1394, 38.3759, 41.8952

Background



This preview shows how black text looks on a background with the XYZ color 30.1394, 38.3759, 41.8952.

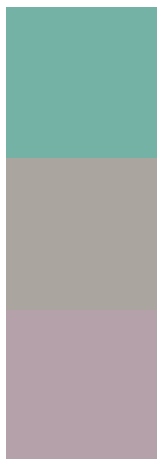


This preview shows how white text looks on a background with the XYZ color 30.1394, 38.3759,

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

30.1394, 38.3759, 41.8952

Protanopia

36.2907, 37.9595, 38.2151

Deuteranopia

38.8230, 38.0953, 43.3372



Tritanopia

32.5413, 38.4716, 53.8548

Trichromacy



Original Color

30.1394, 38.3759, 41.8952

Protanomaly

33.6588, 37.9374, 39.7311

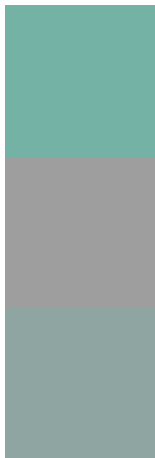
Deuteranomaly

34.8848, 37.6701, 42.9685

Tritanomaly

31.6116, 38.3799, 49.4580

Monochromacy



Original Color

30.1394, 38.3759, 41.8952

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.2158, 35.3231, 38.8910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1394, 38.3759, 41.8952 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(117, 178, 166)` looks like.

```
.text, #text, p{  
    color:rgb(117, 178, 166)  
}
```

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(117, 178, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 178, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.1394, 38.3759, 41.8952 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(117, 178, 166) }
```


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

```
.border{ border-color:rgb(117, 178, 166) }
```

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

Here you see how a box with a 4 pixel rgb(117, 178, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 178, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 178, 166);  
box-shadow:4px 4px 4px 4px rgb(117, 178,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1394, 38.3759, 41.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 178, 166) }
```

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

```
.background{ background-color: rgb(117,  
178, 166) }
```

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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