

Converting Colors

XYZ(30.8727, 38.2912, 49.4798)

Have a look what the booklet for
XYZ(30.8727, 38.2912, 49.4798)
contains.

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Color

**XYZ(30.8727, 38.2912,
49.4798)**

Conversions

Conversions Part 1

Format	Color
Hex	71B1B5
RGB	113, 177, 181
RGB Percent	44%, 69%, 71%
CMY	0.5569, 0.3059, 0.2902
CMYK	0.38, 0.02, 0.00, 0.29
HSL	184°, 31%, 58%
HSV	184°, 38%, 71%
XYZ	30.8727, 38.2912, 49.4798
YIQ	158.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

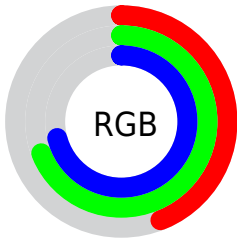
Format	Color
RYB	113, 146, 181
Decimal	7451061
CIELab	68.23, -19.38, -8.53
CIELCh	68, 21.173, 203.761
Yxy	38.2912, 0.2602, 0.3227
Android (android.graphics.Color)	4285641141 (0xFF71B1B5)
YUV	158.3200, 11.1812, -39.7456
Hunter-Lab	61.8799, -19.2338, -4.0930

Details

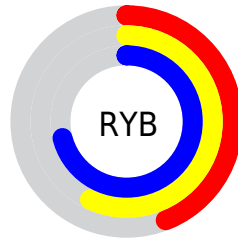
The XYZ color **30.8727, 38.2912, 49.4798** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.3986, 23.7391, 18.7091**, and the grayscale version is **32.6092, 34.3075, 37.3608**.

A 20% lighter version of the original color is **60.5734, 72.7171, 90.9640**, and **12.9674, 16.9345, 23.0073** is the 20% darker color. If you saturate the color by 10%, you get **28.5632, 36.7907, 49.3126**, and if you desaturate by 10%, it is **33.6505, 40.0374, 49.6711**.

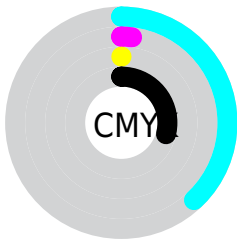
Distribution



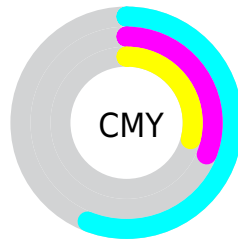
- Red (44%)
- Green (69%)
- Blue (71%)



- Red (44%)
- Yellow (57%)
- Blue (71%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (56%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8727, 38.2912, 49.4798 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 30.8727, 38.2912, 49.4798 by changing the saturation by 10% instead.

■ 30.8727, 38.2912,
49.4798

■ 30.8727, 38.2912,
49.4798

297.7888,
338.8675, 401.3048

■ 20.6533, 26.2088,
34.6320

■ 60.4168, 72.5543,
90.7920

■ 12.9818, 16.9799,
23.0982

■ 80.4722, 95.5037,
118.0934

■ 7.4929, 10.2202,
14.4601

■ 104.5370,
122.8442, 150.3831

■ 3.8213, 5.5452,
8.2990

132.9765,
154.9603, 188.0797

■ 1.6015, 2.5705,
4.1963

166.1560,
192.2362, 231.6016

■ 0.3934, 0.9119,
1.7337

204.4410,

■ 0.0000, 0.0000,

235.0565, 281.3673

0.3836

248.1968,
283.8054, 337.7956

■ 0.0000, 0.0000,
0.0000

■ 30.8727, 38.2912,
49.4798

■ 30.8727, 38.2912,
49.4798

■ 28.5632, 36.7907,
49.3126

■ 33.6505, 40.0374,
49.6711

■ 26.6909, 35.5171,
49.1654

■ 36.9187, 42.0379,
49.8850

■ 25.2262, 34.4560,
49.0378

■ 40.7020, 44.3065,
50.1235

■ 24.1343, 33.5895,
48.9281

■ 45.0225, 46.8544,
50.3875

■ 23.3748, 32.8968,
48.8344

■ 49.9011, 49.6924,
50.6782

■ 22.8866, 32.3464,
48.7539

■ 55.3573, 52.8308,
50.9964

■ 22.7828, 32.2205,
48.7351

■ 61.4100, 56.2791,
51.3430

■ 67.0379, 59.5108,
51.6701

■ 67.2622, 59.9594,
51.7449

Harmonies

Analogous

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



30.4251, 38.2912, 39.7420



30.8727, 38.2912, 49.4798



32.7589, 38.2912, 58.1973

Triad

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



30.8727, 38.2912, 49.4798



41.7754, 38.2912, 53.4281



37.0910, 38.2912, 26.0658

Complementary

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



30.8727, 38.2912, 49.4798



28.3986, 23.7391, 18.7091

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.



40.2899, 38.2912, 28.6467



30.8727, 38.2912, 49.4798



43.0981, 38.2912, 43.7060

Square

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



30.8727, 38.2912, 49.4798



39.0208, 38.2912, 60.7079



42.5386, 38.2912, 34.7686



33.8890, 38.2912, 27.1311

Rectangle

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



30.8727, 38.2912, 49.4798



34.6429, 38.2912, 61.7649



42.5386, 38.2912, 34.7686



38.2044, 38.2912, 26.5214

Sweetspot

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



30.8738, 38.2927, 49.4807



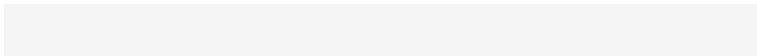
70.3362, 77.8250, 89.6092



26.5105, 37.8295, 22.5508



15.0058, 16.7032, 19.3554



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.



30.8738, 38.2927, 49.4807



51.8471, 66.3478, 88.3684



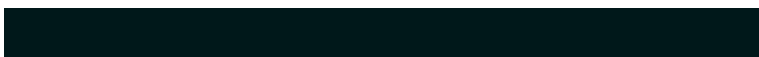
25.0642, 26.6734, 47.5441



8.6990, 9.5442, 10.8901



15.7237, 22.2477, 33.6025



0.5076, 0.7257, 1.0616

Inverse Universe

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



32.8979, 24.8093, 44.6514



56.0415, 38.9259, 78.2449



33.0078, 32.9575, 20.2455



8.8280, 8.6379, 10.5928



18.1712, 8.7861, 27.1254



0.5782, 0.2790, 0.8876

Previews

White Background



This preview shows how the XYZ color 30.8727, 38.2912, 49.4798 looks on a white background.

Color Contrast Check

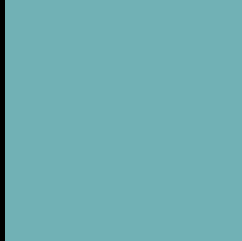
Large Text (above 18pt) WCAG AA × Fail

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 30.8727, 38.2912, 49.4798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

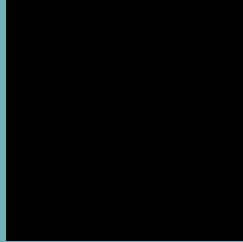
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8727, 38.2912, 49.4798

Background



This preview shows how black text looks on a background with the XYZ color 30.8727, 38.2912, 49.4798.

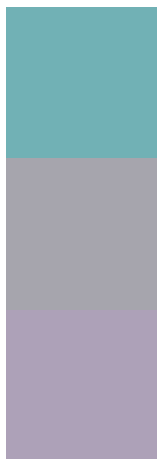


This preview shows how white text looks on a background with the XYZ color 30.8727, 38.2912,

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

30.8727, 38.2912, 49.4798

Protanopia

36.7238, 38.0344, 44.9410

Deuteranopia

38.6302, 37.8347, 50.6142



Tritanopia

31.8898, 38.4132, 54.4489

Trichromacy



Original Color

30.8727, 38.2912, 49.4798

Protanomaly

34.0571, 37.7136, 46.5587

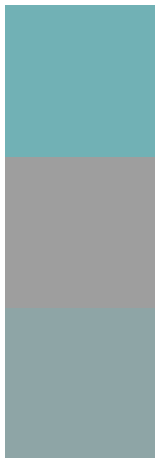
Deuteranomaly

35.1285, 37.6356, 50.2127

Tritanomaly

31.4344, 38.2159, 52.7334

Monochromacy



Original Color

30.8727, 38.2912, 49.4798

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4934, 35.4142, 41.2521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8727, 38.2912, 49.4798 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, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(113, 177, 181)  
}
```

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, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 177, 181) }
```

Border

The CSS property to change the border of an element to XYZ 30.8727, 38.2912, 49.4798 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, 177, 181) }
```


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

```
.border{ border-color:rgb(113, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(113, 177,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8727, 38.2912, 49.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 177, 181) }
```

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

```
.background{ background-color: rgb(113,  
177, 181) }
```

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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