

Converting Colors

XYZ(29.9552, 38.5914, 34.6108)

Have a look what the booklet for
XYZ(29.9552, 38.5914, 34.6108)
contains.

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Color

**XYZ(30.0826, 38.8022,
34.7582)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB396
RGB	125, 179, 150
RGB Percent	49%, 70%, 59%
CMY	0.5098, 0.2980, 0.4118
CMYK	0.30, 0.00, 0.16, 0.30
HSL	148°, 26%, 60%
HSV	148°, 30%, 70%
XYZ	30.0826, 38.8022, 34.7582
YIQ	159.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

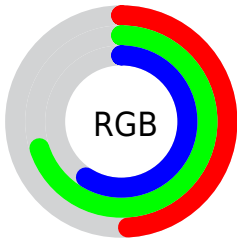
Format	Color
RYB	125, 162, 179
Decimal	8237974
CIELab	68.61, -23.94, 9.19
CIELCh	69, 25.646, 159.007
Yxy	38.8022, 0.2903, 0.3744
Android (android.graphics.Color)	4286428054 (0xFF7DB396)
YUV	159.5480, -4.7072, -30.2986
Hunter-Lab	62.2914, -22.8064, 10.5206

Details

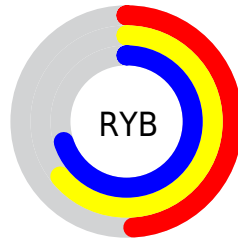
The XYZ color **30.0826, 38.8022, 34.7582** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.7581, 26.5850, 34.0312**, and the grayscale version is **33.2350, 34.9658, 38.0778**.

A 20% lighter version of the original color is **59.1978, 73.3600, 68.1666**, and **12.5370, 17.2784, 14.4787** is the 20% darker color. If you saturate the color by 10%, you get **26.9587, 37.2786, 30.7358**, and if you desaturate by 10%, it is **33.7431, 40.5972, 39.1390**.

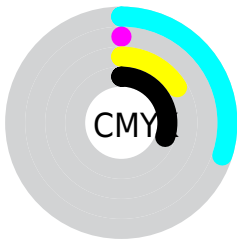
Distribution



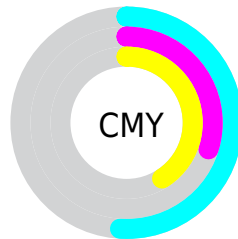
- Red (49%)
- Green (70%)
- Blue (59%)



- Red (49%)
- Yellow (64%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)



- Cyan (51%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0826, 38.8022, 34.7582 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 30.0826, 38.8022, 34.7582 by changing the saturation by 10% instead.

■ 30.0826, 38.8022,
34.7582

■ 30.0826, 38.8022,
34.7582

294.1922,
341.0488, 338.3715

■ 20.0497, 26.6059,
23.1946

■ 59.1785, 73.3361,
68.2583

■ 12.5396, 17.2775,
14.5306

■ 78.9722, 96.4424,
91.0319

■ 7.1871, 10.4325,
8.3477

■ 102.7502,
123.9542, 118.3793

■ 3.6268, 5.6867,
4.2273

130.8779,
156.2558, 150.7190

■ 1.4932, 2.6555,
1.7508

163.7205,
193.7317, 188.4695

■ 0.3212, 0.9546,
0.3952

201.6436,

■ 0.0000, 0.0000,

236.7662, 232.0494

0.0000

245.0124,
285.7438, 281.8772

■ 30.0826, 38.8022,
34.7582

■ 30.0826, 38.8022,
34.7582

■ 26.9587, 37.2786,
30.7358

■ 33.7431, 40.5972,
39.1390

■ 24.3414, 36.0080,
27.0599

■ 37.9619, 42.6714,
43.8843

■ 22.2025, 34.9771,
23.7220


■ 42.7633, 45.0383,
49.0035


■ 20.5096, 34.1692,
20.7117


■ 48.1693, 47.7090,
54.5048


■ 19.2260, 33.5658,
18.0187


■ 54.2006, 50.6941,
60.3962

 18.3087, 33.1447,
15.6314

 60.8770, 54.0036,
66.6852

 17.6771, 32.8641,
13.5687

 68.2173, 57.6471,
73.3794

 71.2135, 59.0427,
80.2508

 72.5773, 59.5882,
87.4326

Harmonies

Analogous

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



32.1966, 38.8022, 27.1912



30.0826, 38.8022, 34.7582



29.7170, 38.8022, 45.8345

Triad

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



30.0826, 38.8022, 34.7582



38.1119, 38.8022, 68.3003



43.2629, 38.8022, 29.7183

Complementary

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



30.0826, 38.8022, 34.7582



31.7581, 26.5850, 34.0312

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.



45.1112, 38.8022, 38.8556



30.0826, 38.8022, 34.7582



41.9976, 38.8022, 62.0379

Square

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



30.0826, 38.8022, 34.7582



34.1625, 38.8022, 66.6548



44.6319, 38.8022, 50.7454



39.7386, 38.8022, 24.6728

Rectangle

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



30.0826, 38.8022, 34.7582



30.4856, 38.8022, 54.0019



44.6319, 38.8022, 50.7454



44.1121, 38.8022, 32.3385

Sweetspot

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



30.0837, 38.8038, 34.7591



68.8111, 76.8263, 79.4928



33.2832, 40.6615, 25.4969



14.9861, 16.8933, 17.3287



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.



30.0837, 38.8038, 34.7591



50.1657, 67.6809, 57.5374



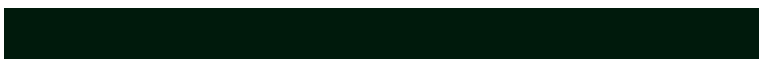
32.4451, 39.7484, 47.1941



8.5472, 9.5534, 9.8751



12.5231, 23.2352, 9.7575



0.4236, 0.7429, 0.4627

Inverse Universe

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



31.7581, 26.5850, 34.0312



53.6331, 42.3721, 56.0246



29.8018, 25.8025, 23.7290



8.6808, 8.5790, 9.8174



14.6663, 7.3841, 8.6689



0.4906, 0.2440, 0.4259

Previews

White Background



This preview shows how the XYZ color 30.0826, 38.8022, 34.7582 looks on a white background.

Color Contrast Check

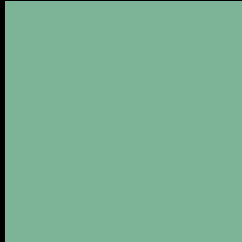
Large Text (above 18pt) WCAG AA × Fail

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 30.0826, 38.8022, 34.7582 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 30.0826, 38.8022, 34.7582

Background



This preview shows how black text looks on a background with the XYZ color 30.0826, 38.8022, 34.7582.



This preview shows how white text looks on a background with the XYZ color 30.0826, 38.8022,

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

30.0826, 38.8022, 34.7582

Protanopia

36.2733, 38.3696, 31.4809

Deuteranopia

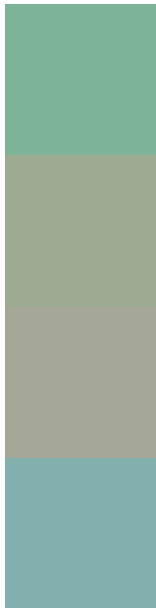
39.3166, 38.5142, 35.9336



Tritanopia

33.8860, 38.8895, 53.2974

Trichromacy



Original Color

30.0826, 38.8022, 34.7582

Protanomaly

33.6558, 38.3692, 32.8263

Deuteranomaly

35.2695, 38.3045, 35.6716

Tritanomaly

32.3712, 38.8525, 45.8375

Monochromacy



Original Color

30.0826, 38.8022, 34.7582

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.8521, 36.2408, 36.7689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0826, 38.8022, 34.7582 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, 179, 150)` looks like.

```
.text, #text, p{  
    color:rgb(125, 179, 150)  
}
```

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, 179, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.0826, 38.8022, 34.7582 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, 179, 150) }
```


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

```
.border{ border-color:rgb(125, 179, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 179, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 150);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0826, 38.8022, 34.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 150) }
```

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

```
.background{ background-color: rgb(125,  
179, 150) }
```

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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