

Converting Colors

XYZ(30.8051, 30.7970, 40.8831)

Have a look what the booklet for
XYZ(30.8051, 30.7970, 40.8831)
contains.

XYZ(30.8914, 30.8399, 40.8838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.8914, 30.8399,
40.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	9A94A7
RGB	154, 148, 167
RGB Percent	60%, 58%, 65%
CMY	0.3961, 0.4196, 0.3451
CMYK	0.08, 0.11, 0.00, 0.35
HSL	259°, 10%, 62%
HSV	259°, 11%, 65%
XYZ	30.8914, 30.8399, 40.8838
YIQ	151.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

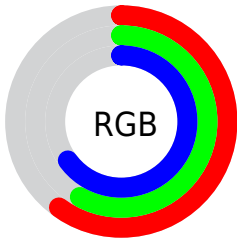
Format	Color
RYB	154, 148, 167
Decimal	10130599
CIELab	62.37, 5.96, -9.16
CIELCh	62, 10.930, 303.043
Yxy	30.8399, 0.3010, 0.3005
Android (android.graphics.Color)	4288320679 (0xFF9A94A7)
YUV	151.9600, 7.4147, 1.7891
Hunter-Lab	55.5337, 2.1092, -4.7756

Details

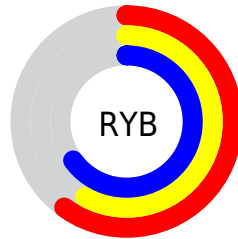
The XYZ color **30.8914, 30.8399, 40.8838** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8632, 37.3535, 33.4437**, and the grayscale version is **29.7984, 31.3502, 34.1404**.

A 20% lighter version of the original color is **60.3178, 60.9249, 77.6878**, and **12.9627, 12.6708, 17.9821** is the 20% darker color. If you saturate the color by 10%, you get **26.3863, 24.9060, 39.9764**, and if you desaturate by 10%, it is **35.9834, 37.6391, 41.9283**.

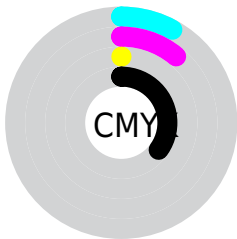
Distribution



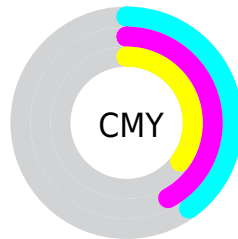
- Red (60%)
- Green (58%)
- Blue (65%)



- Red (60%)
- Yellow (58%)
- Blue (65%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8914, 30.8399, 40.8838 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 30.8914, 30.8399, 40.8838 by changing the saturation by 10% instead.

■ 30.8914, 30.8399,
40.8838

■ 30.8914, 30.8399,
40.8838

297.8735,
305.8001, 365.4970

■ 20.6676, 20.4770,
27.9093

■ 60.4461, 60.9879,
77.7592

■ 12.9923, 12.7422,
18.0188

■ 80.5076, 81.5418,
102.4972

■ 7.5002, 7.2513,
10.7939

104.5791,
106.2614, 131.9934

■ 3.8259, 3.6197,
5.8160

133.0260,
135.5313, 166.6664

■ 1.6041, 1.4632,
2.6666

166.2134,
169.7356, 206.9347

■ 0.3951, 0.2626,
0.9265

204.5070,

■ 0.0000, 0.0000,

209.2590, 253.2169

0.0000

248.2719,
254.4856, 305.9315

■ 30.8914, 30.8399,
40.8838

■ 30.8914, 30.8399,
40.8838

■ 26.3863, 24.9060,
39.9764

■ 35.9834, 37.6391,
41.9283

■ 22.4434, 19.7982,
39.1983

■ 41.6802, 45.3327,
43.1130

■ 19.0404, 15.4803,
38.5442

■ 48.0023, 53.9534,
44.4438

■ 16.1524, 11.9115,
38.0076

■ 54.9685, 63.5311,
45.9253

■ 13.7521, 9.0477,
37.5813

■ 62.5966, 74.0942,
47.5622

■ 11.8099, 6.8396,
37.2575

■ 70.9040, 85.6701,
49.3587

■ 10.2924, 5.2315,
37.0270

■ 76.6655, 91.8018,
50.2386

■ 9.1608, 4.1580,
36.8795

■ 80.5394, 93.7989,
50.4198

■ 8.4288, 3.5395,
36.7987

■ 83.9751, 95.5701,
50.5806

Harmonies

Analogous

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



29.4637, 30.8399, 42.3916



30.8914, 30.8399, 40.8838



31.9224, 30.8399, 37.4105

Triad

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



30.8914, 30.8399, 40.8838



30.6212, 30.8399, 26.8271



26.5619, 30.8399, 34.0139

Complementary

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



30.8914, 30.8399, 40.8838



33.8632, 37.3535, 33.4437

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.



26.8487, 30.8399, 30.0192



30.8914, 30.8399, 40.8838



29.1616, 30.8399, 26.0818

Square

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



30.8914, 30.8399, 40.8838



31.7628, 30.8399, 29.3292



27.7881, 30.8399, 27.2014



26.9914, 30.8399, 38.2216

Rectangle

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



30.8914, 30.8399, 40.8838



32.2284, 30.8399, 34.5761



27.7881, 30.8399, 27.2014



26.5778, 30.8399, 32.6021

Sweetspot

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



30.8923, 30.8412, 40.8845



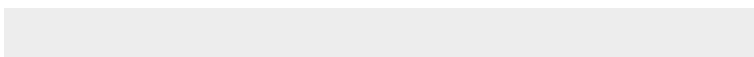
62.8377, 65.2540, 74.7587



31.9863, 34.6817, 41.5681



13.8952, 14.3793, 16.6953



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.8923, 30.8412, 40.8845



52.8973, 52.0192, 72.7280



32.7112, 31.7789, 40.9696



7.3464, 7.4112, 9.4616



6.4955, 2.7320, 28.1605



0.2105, 0.0935, 0.6876

Inverse Universe

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



32.9604, 31.9699, 38.1535



57.4686, 54.5154, 66.6341



32.0766, 36.4325, 33.3601



7.7396, 7.6257, 8.9459



14.5538, 7.2302, 12.9938



0.3757, 0.1845, 0.4299

Previews

White Background



This preview shows how the XYZ color 30.8914, 30.8399, 40.8838 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 30.8914, 30.8399, 40.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

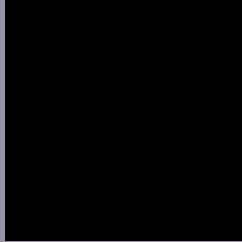
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8914, 30.8399, 40.8838

Background



This preview shows how black text looks on a background with the XYZ color 30.8914, 30.8399, 40.8838.



This preview shows how white text looks on a background with the XYZ color 30.8914, 30.8399,

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

30.8914, 30.8399, 40.8838

Protanopia

30.1870, 30.9357, 41.4260

Deuteranopia

31.5093, 30.9266, 40.8679



Tritanopia

30.3173, 30.8404, 38.0731

Trichromacy



Original Color

30.8914, 30.8399, 40.8838

Protanomaly

30.3930, 30.8061, 41.3901

Deuteranomaly

31.3134, 30.8256, 40.8587

Tritanomaly

30.4952, 30.9115, 39.0096

Monochromacy



Original Color

30.8914, 30.8399, 40.8838

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2893, 31.3398, 36.3511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8914, 30.8399, 40.8838 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(154, 148, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 167)  
}
```

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(154, 148, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.8914, 30.8399, 40.8838 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(154, 148, 167) }
```


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

```
.border{ border-color:rgb(154, 148, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8914, 30.8399, 40.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 167) }
```

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

```
.background{ background-color: rgb(154,  
148, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor