

Converting Colors

XYZ(29.3614, 39.5257, 38.2484)

Have a look what the booklet for
XYZ(29.3614, 39.5257, 38.2484)
contains.

XYZ(29.4117, 39.5868, 38.4386)	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(29.4117, 39.5868,
38.4386)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB79E
RGB	109, 183, 158
RGB Percent	43%, 72%, 62%
CMY	0.5725, 0.2823, 0.3804
CMYK	0.40, 0.00, 0.14, 0.28
HSL	160°, 34%, 57%
HSV	160°, 40%, 72%
XYZ	29.4117, 39.5868, 38.4386
YIQ	158.0240, -36.0790, -23.4630

Conversions

Conversions Part 2

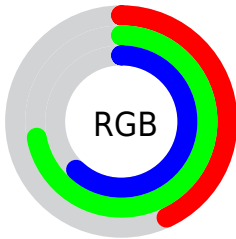
Format	Color
RYB	109, 154, 183
Decimal	7190430
CIELab	69.17, -28.94, 5.50
CIELCh	69, 29.456, 169.237
Yxy	39.5868, 0.2738, 0.3685
Android (android.graphics.Color)	4285380510 (0xFF6DB79E)
YUV	158.0240, -0.0118, -42.9940
Hunter-Lab	62.9180, -26.6649, 7.8205

Details

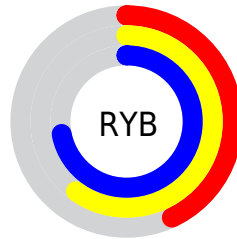
The XYZ color **29.4117, 39.5868, 38.4386** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.3015, 22.7268, 25.3981**, and the grayscale version is **32.5229, 34.2166, 37.2619**.

A 20% lighter version of the original color is **58.1866, 74.4296, 74.2504**, and **12.2120, 17.8390, 16.7096** is the 20% darker color. If you saturate the color by 10%, you get **26.8719, 38.3385, 35.6117**, and if you desaturate by 10%, it is **32.4492, 41.0907, 41.4304**.

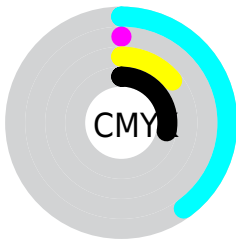
Distribution



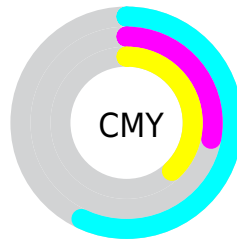
- Red (43%)
- Green (72%)
- Blue (62%)



- Red (43%)
- Yellow (60%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)



- Cyan (57%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4117, 39.5868, 38.4386 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 29.4117, 39.5868, 38.4386 by changing the saturation by 10% instead.

■ 29.4117, 39.5868,
38.4386

■ 29.4117, 39.5868,
38.4386

291.1118,
344.3789, 354.8522

■ 19.5383, 27.2165,
26.0188

■ 58.1236, 74.5339,
73.9908

■ 12.1662, 17.7359,
16.6118

■ 77.6928, 97.8795,
97.9602

■ 6.9300, 10.7605,
9.7991

■ 101.2248,
125.6524, 126.6166

■ 3.4643, 5.9061,
5.1621

■ 129.0847,
158.2368, 160.3786

■ 1.4038, 2.7880,
2.2823

161.6380,
196.0173, 199.6645

■ 0.2589, 1.0221,
0.7213

199.2501,

■ 0.0000, 0.0000,

239.3782, 244.8931

0.0000

242.2862,
288.7040, 296.4828

■ 29.4117, 39.5868,
38.4386

■ 29.4117, 39.5868,
38.4386

■ 26.8719, 38.3385,
35.6117

■ 32.4492, 41.0907,
41.4304

■ 24.7967, 37.3256,
32.9434

■ 36.0083, 42.8592,
44.5875

■ 23.1543, 36.5328,
30.4310


■ 40.1151, 44.9070,
47.9139


■ 21.9071, 35.9408,
28.0708


■ 44.7932, 47.2461,
51.4128


■ 21.0108, 35.5268,
25.8583


■ 50.0646, 49.8877,
55.0870

 20.3961, 35.2531,
23.8747

 55.9502, 52.8427,
58.9392

 62.4700, 56.1212,
62.9723

 69.4936, 59.6562,
67.1820

 70.2668, 59.9654,
71.2538

Harmonies

Analogous

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



31.1749, 39.5868, 28.2890



29.4117, 39.5868, 38.4386



29.7066, 39.5868, 52.2261

Triad

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



29.4117, 39.5868, 38.4386



40.6895, 39.5868, 72.5231



43.8546, 39.5868, 26.2915

Complementary

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



29.4117, 39.5868, 38.4386



29.3015, 22.7268, 25.3981

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.



46.8411, 39.5868, 35.1100



29.4117, 39.5868, 38.4386



44.9109, 39.5868, 62.3535

Square

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



29.4117, 39.5868, 38.4386



35.9599, 39.5868, 73.9353



47.2430, 39.5868, 48.1309



39.3429, 39.5868, 22.3136

Rectangle

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



29.4117, 39.5868, 38.4386



31.0383, 39.5868, 61.6788



47.2430, 39.5868, 48.1309



45.0857, 39.5868, 28.6908

Sweetspot

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



29.4128, 39.5884, 38.4395



70.4742, 79.7414, 84.7382



29.6706, 40.1154, 20.6478



15.3477, 17.5037, 18.5433



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.4128, 39.5884, 38.4395



48.3856, 68.7885, 64.0867



29.5886, 36.1386, 50.2176



9.1342, 10.1577, 10.8641



14.2611, 24.6054, 16.8286



0.5304, 0.8785, 0.7388

Inverse Universe

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



29.3015, 22.7268, 25.3981



48.1693, 34.2374, 37.4223



29.0185, 24.6294, 17.6931



9.1265, 9.0610, 10.0133



14.2558, 7.2761, 3.9677



0.5322, 0.2684, 0.2959

Previews

White Background



This preview shows how the XYZ color 29.4117, 39.5868, 38.4386 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 29.4117, 39.5868, 38.4386 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 29.4117, 39.5868, 38.4386

Background



This preview shows how black text looks on a background with the XYZ color 29.4117, 39.5868, 38.4386.



This preview shows how white text looks on a background with the XYZ color 29.4117, 39.5868,

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

29.4117, 39.5868, 38.4386

Protanopia

37.0029, 38.9534, 34.4227

Deuteranopia

39.6916, 38.8884, 39.5967



Tritanopia

32.9060, 39.4981, 55.7587

Trichromacy



Original Color

29.4117, 39.5868, 38.4386

Protanomaly

33.4558, 38.7664, 35.8563

Deuteranomaly

34.9083, 38.5918, 39.3273

Tritanomaly

31.6297, 39.5826, 49.1532

Monochromacy



Original Color

29.4117, 39.5868, 38.4386

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.8055, 35.6815, 37.6113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4117, 39.5868, 38.4386 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(109, 183, 158)` looks like.

```
.text, #text, p{  
    color:rgb(109, 183, 158)  
}
```

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(109, 183, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 183, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.4117, 39.5868, 38.4386 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(109, 183, 158) }
```


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

```
.border{ border-color:rgb(109, 183, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 183, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 183, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 183, 158);  
box-shadow:4px 4px 4px 4px rgb(109, 183,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4117, 39.5868, 38.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 183, 158) }
```

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

```
.background{ background-color: rgb(109,  
183, 158) }
```

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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