

Converting Colors

XYZ(29.2012, 38.3199, 38.6451)

Have a look what the booklet for
XYZ(29.2012, 38.3199, 38.6451)
contains.

XYZ(29.1882, 38.2541, 38.6463)	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(29.1882, 38.2541,
38.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	71B39F
RGB	113, 179, 159
RGB Percent	44%, 70%, 62%
CMY	0.5569, 0.2980, 0.3765
CMYK	0.37, 0.00, 0.11, 0.30
HSL	162°, 30%, 57%
HSV	162°, 37%, 70%
XYZ	29.1882, 38.2541, 38.6463
YIQ	156.9860, -32.9160, -20.2120

Conversions

Conversions Part 2

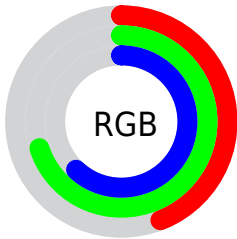
Format	Color
RYB	113, 152, 179
Decimal	7451551
CIELab	68.21, -25.63, 3.58
CIELCh	68, 25.878, 172.048
Yxy	38.2541, 0.2751, 0.3606
Android (android.graphics.Color)	4285641631 (0xFF71B39F)
YUV	156.9860, 0.9929, -38.5757
Hunter-Lab	61.8499, -23.9996, 6.2482

Details

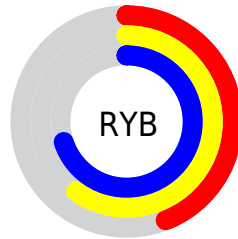
The XYZ color **29.1882, 38.2541, 38.6463** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7305, 23.0885, 25.1342**, and the grayscale version is **32.0487, 33.7177, 36.7186**.

A 20% lighter version of the original color is **57.7823, 72.4872, 74.5643**, and **12.0921, 16.9965, 16.8307** is the 20% darker color. If you saturate the color by 10%, you get **26.6482, 36.9989, 36.1243**, and if you desaturate by 10%, it is **32.2052, 39.7548, 41.3002**.

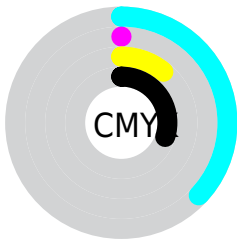
Distribution



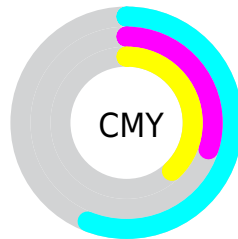
- Red (44%)
- Green (70%)
- Blue (62%)



- Red (44%)
- Yellow (60%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1882, 38.2541, 38.6463 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 29.1882, 38.2541, 38.6463 by changing the saturation by 10% instead.

■ 29.1882, 38.2541,
38.6463

■ 29.1882, 38.2541,
38.6463

290.0801,
338.7087, 355.7653

■ 19.3682, 26.1800,
26.1790

■ 57.7715, 72.4974,
74.3121

■ 12.0422, 16.9583,
16.7306

■ 77.2655, 95.4354,
98.3476

■ 6.8449, 10.2048,
9.8827

■ 100.7149,
122.7635, 127.0762

■ 3.4107, 5.5349,
5.2167

128.4850,
154.8660, 160.9165

■ 1.3745, 2.5644,
2.3140

160.9412,
192.1274, 200.2870

■ 0.2380, 0.9088,
0.7390

198.4489,

■ 0.0000, 0.0000,

234.9321, 245.6063

0.0000

241.3734,
283.6644, 297.2929

■ 29.1882, 38.2541,
38.6463

■ 29.1882, 38.2541,
38.6463

■ 26.6482, 36.9989,
36.1243

■ 32.2052, 39.7548,
41.3002

■ 24.5550, 35.9706,
33.7289

■ 35.7209, 41.5092,
44.0857

■ 22.8796, 35.1555,
31.4581


■ 39.7595, 43.5307,
47.0063


■ 21.5884, 34.5361,
29.3090


■ 44.3427, 45.8305,
50.0642


■ 20.6422, 34.0922,
27.2784


■ 49.4908, 48.4190,
53.2616


 19.9860, 33.7957,
25.3620

 55.2232, 51.3062,
56.6008

 19.8068, 33.7159,
24.7841

 61.5583, 54.5015,
60.0837

 68.0688, 57.7847,
63.6915

 68.7243, 58.0469,
67.1434

Harmonies

Analogous

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



30.5653, 38.2541, 29.4011



29.1882, 38.2541, 38.6463



29.6169, 38.2541, 50.5850

Triad

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



29.1882, 38.2541, 38.6463



39.3576, 38.2541, 65.8946



41.3550, 38.2541, 26.4423

Complementary

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



29.1882, 38.2541, 38.6463



28.7305, 23.0885, 25.1342

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.



44.0545, 38.2541, 33.8383



29.1882, 38.2541, 38.6463



42.8430, 38.2541, 56.9064

Square

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



29.1882, 38.2541, 38.6463



35.2941, 38.2541, 67.8340



44.6183, 38.2541, 44.8101



37.4459, 38.2541, 23.2584

Rectangle

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



29.1882, 38.2541, 38.6463



30.8847, 38.2541, 58.4212



44.6183, 38.2541, 44.8101



42.4456, 38.2541, 28.4449

Sweetspot

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



29.1893, 38.2556, 38.6472



67.9674, 76.3373, 81.8970



28.9176, 38.4942, 21.5296



14.8441, 16.8054, 17.9895



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.



29.1893, 38.2556, 38.6472



48.6239, 66.7052, 65.6373



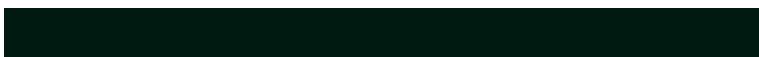
28.7484, 34.3677, 47.7680



8.6308, 9.5868, 10.3153



14.0258, 23.8363, 17.6704



0.4657, 0.7598, 0.6846

Inverse Universe

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



28.7305, 23.0885, 25.1342



47.6940, 35.6850, 38.0418



28.9186, 25.4697, 19.0155



8.5989, 8.5463, 9.3860



13.6373, 6.9725, 3.2500



0.4557, 0.2300, 0.2423

Previews

White Background



This preview shows how the XYZ color 29.1882, 38.2541, 38.6463 looks on a white background.

Color Contrast Check

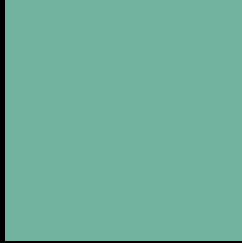
Large Text (above 18pt) WCAG AA × Fail

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 29.1882, 38.2541, 38.6463 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 29.1882, 38.2541, 38.6463

Background



This preview shows how black text looks on a background with the XYZ color 29.1882, 38.2541, 38.6463.



This preview shows how white text looks on a background with the XYZ color 29.1882, 38.2541,

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

29.1882, 38.2541, 38.6463

Protanopia

36.0543, 37.9153, 34.6963

Deuteranopia

38.4731, 37.7310, 39.9054



Tritanopia

32.2610, 38.3271, 53.8417

Trichromacy



Original Color

29.1882, 38.2541, 38.6463

Protanomaly

32.9700, 37.6619, 36.1036

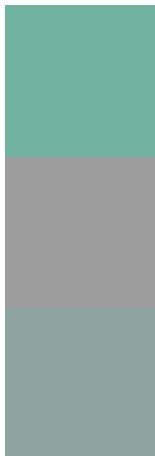
Deuteranomaly

34.2449, 37.4142, 39.5992

Tritanomaly

30.8973, 38.0469, 47.8348

Monochromacy



Original Color

29.1882, 38.2541, 38.6463

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.6112, 35.0416, 37.4981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1882, 38.2541, 38.6463 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, 179, 159)` looks like.

```
.text, #text, p{  
    color:rgb(113, 179, 159)  
}
```

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, 179, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 179, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.1882, 38.2541, 38.6463 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, 179, 159) }
```


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

```
.border{ border-color:rgb(113, 179, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 179, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 179, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 179, 159);  
box-shadow:4px 4px 4px 4px rgb(113, 179,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1882, 38.2541, 38.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 179, 159) }
```

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

```
.background{ background-color: rgb(113,  
179, 159) }
```

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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