

Converting Colors

XYZ(29.1631, 38.5688, 39.4153)

Have a look what the booklet for
XYZ(29.1631, 38.5688, 39.4153)
contains.

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Color

**XYZ(29.1847, 38.5307,
39.6172)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB4A1
RGB	110, 180, 161
RGB Percent	43%, 71%, 63%
CMY	0.5686, 0.2941, 0.3686
CMYK	0.39, 0.00, 0.11, 0.29
HSL	164°, 32%, 57%
HSV	164°, 39%, 71%
XYZ	29.1847, 38.5307, 39.6172
YIQ	156.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

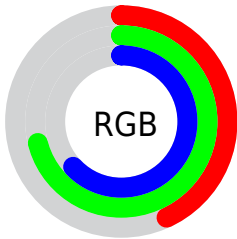
Format	Color
RYB	110, 150, 180
Decimal	7255201
CIELab	68.41, -26.52, 2.75
CIELCh	68, 26.658, 174.072
Yxy	38.5307, 0.2719, 0.3590
Android (android.graphics.Color)	4285445281 (0xFF6EB4A1)
YUV	156.9040, 2.0193, -41.1348
Hunter-Lab	62.0731, -24.7032, 5.6102

Details

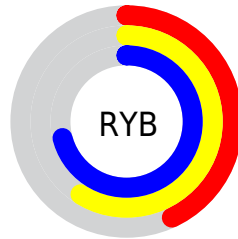
The XYZ color **29.1847, 38.5307, 39.6172** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.3621, 22.4412, 23.6071**, and the grayscale version is **32.0082, 33.6751, 36.6722**.

A 20% lighter version of the original color is **57.7000, 72.8413, 75.9844**, and **12.0912, 17.1744, 17.4296** is the 20% darker color. If you saturate the color by 10%, you get **26.7463, 37.3235, 37.2981**, and if you desaturate by 10%, it is **32.0971, 39.9823, 42.0480**.

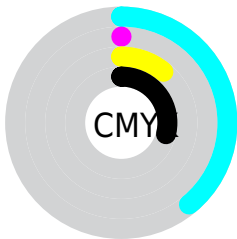
Distribution



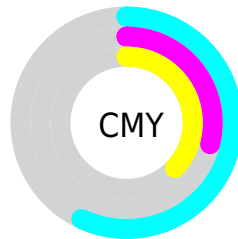
- Red (43%)
- Green (71%)
- Blue (63%)



- Red (43%)
- Yellow (59%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (57%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1847, 38.5307, 39.6172 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 29.1847, 38.5307, 39.6172 by changing the saturation by 10% instead.

■ 29.1847, 38.5307,
39.6172

■ 29.1847, 38.5307,
39.6172

290.0639,
339.8911, 360.0115

■ 19.3656, 26.3948,
26.9287

■ 57.7659, 72.9208,
75.8109

■ 12.0403, 17.1193,
17.2877

■ 77.2588, 95.9439,
100.1533

■ 6.8435, 10.3196,
10.2757

■ 100.7069,
123.3648, 129.2173

■ 3.4099, 5.6113,
5.4742

■ 128.4756,
155.5680, 163.4215

■ 1.3740, 2.6102,
2.4645

160.9303,
192.9378, 203.1845

■ 0.2376, 0.9318,
0.8213

198.4364,

■ 0.0000, 0.0000,

235.8587, 248.9248

0.0000

241.3591,
284.7150, 301.0609

■ 29.1847, 38.5307,
39.6172

■ 29.1847, 38.5307,
39.6172

■ 26.7463, 37.3235,
37.2981

■ 32.0971, 39.9823,
42.0480

■ 24.7506, 36.3416,
35.0859

■ 35.5057, 41.6868,
44.5902

■ 23.1679, 35.5706,
32.9789

■ 39.4354, 43.6579,
47.2465

■ 21.9631, 34.9926,
30.9744

■ 43.9082, 45.9070,
50.0191

■ 21.0950, 34.5864,
29.0696

■ 48.9451, 48.4448,
52.9098

■ 20.4902, 34.3140,
27.2599

■ 54.5659, 51.2816,
55.9205

■ 20.4282, 34.2864,
27.0641

■ 60.7891, 54.4269,
59.0529

■ 67.6328, 57.8900,
62.3088

■ 68.5786, 58.3105,
65.3839

Harmonies

Analogous

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



30.4828, 38.5307, 29.8277



29.1847, 38.5307, 39.6172



29.7531, 38.5307, 52.0772

Triad

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



29.1847, 38.5307, 39.6172



40.0049, 38.5307, 66.7196



41.5517, 38.5307, 25.9170

Complementary

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



29.1847, 38.5307, 39.6172



28.3621, 22.4412, 23.6071

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.



44.4748, 38.5307, 33.2348



29.1847, 38.5307, 39.6172



43.5352, 38.5307, 56.9870

Square

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



29.1847, 38.5307, 39.6172



35.7972, 38.5307, 69.3164



45.2269, 38.5307, 44.3796



37.4599, 38.5307, 22.9464

Rectangle

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



29.1847, 38.5307, 39.6172



31.1378, 38.5307, 60.1192



45.2269, 38.5307, 44.3796



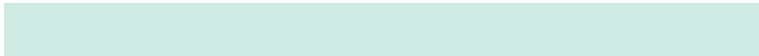
42.7157, 38.5307, 27.8738

Sweetspot

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



29.1858, 38.5323, 39.6181



69.0314, 77.9176, 84.0440



28.3173, 38.5026, 20.6918



14.7212, 16.7410, 18.0317



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.



29.1858, 38.5323, 39.6181



48.9346, 67.8900, 68.0734



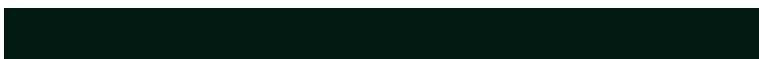
28.0949, 33.4619, 48.1598



8.6422, 9.5914, 10.3757



14.2863, 23.9405, 19.0423



0.4724, 0.7624, 0.7196

Inverse Universe

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



28.3621, 22.4412, 23.6071



47.2343, 34.4364, 34.8468



28.9928, 25.5397, 18.1541



8.5880, 8.5419, 9.3288



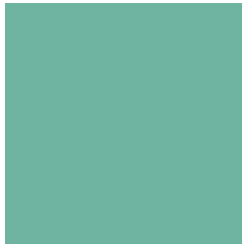
13.5465, 6.9361, 2.7717



0.4513, 0.2283, 0.2190

Previews

White Background



This preview shows how the XYZ color 29.1847, 38.5307, 39.6172 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 29.1847, 38.5307, 39.6172 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

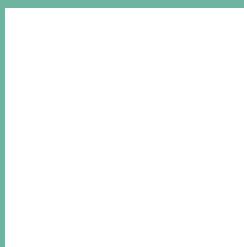
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1847, 38.5307, 39.6172

Background



This preview shows how black text looks on a background with the XYZ color 29.1847, 38.5307, 39.6172.



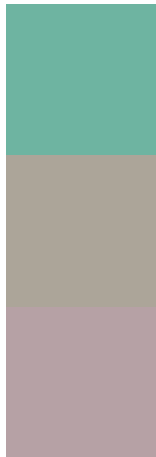
This preview shows how white text looks on a background with the XYZ color 29.1847, 38.5307,

39.6172.

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

29.1847, 38.5307, 39.6172

Protanopia

36.2182, 37.9808, 35.5591

Deuteranopia

38.8278, 38.1514, 40.9148



Tritanopia

32.1557, 38.5503, 54.4614

Trichromacy



Original Color

29.1847, 38.5307, 39.6172

Protanomaly

32.7699, 37.5393, 36.9711

Deuteranomaly

34.4138, 37.7535, 40.5953

Tritanomaly

30.7983, 38.2764, 48.4127

Monochromacy



Original Color

29.1847, 38.5307, 39.6172

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.4419, 34.9543, 37.4902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1847, 38.5307, 39.6172 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(110, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 180, 161)  
}
```

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(110, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 180, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.1847, 38.5307, 39.6172 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(110, 180, 161) }
```


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

```
.border{ border-color:rgb(110, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 180,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1847, 38.5307, 39.6172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 180, 161) }
```

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

```
.background{ background-color: rgb(110,  
180, 161) }
```

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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