

Converting Colors

XYZ(27.1865, 39.3020, 30.8996)

Have a look what the booklet for
XYZ(27.1865, 39.3020, 30.8996)
contains.

XYZ(27.1196, 39.1880, 30.9456)	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(27.1196, 39.1880,
30.9456)**

Conversions

Conversions Part 1

Format	Color
Hex	62B98C
RGB	98, 185, 140
RGB Percent	38%, 73%, 55%
CMY	0.6157, 0.2745, 0.4510
CMYK	0.47, 0.00, 0.24, 0.27
HSL	149°, 38%, 55%
HSV	149°, 47%, 73%
XYZ	27.1196, 39.1880, 30.9456
YIQ	153.8570, -37.4070, -32.4390

Conversions

Conversions Part 2

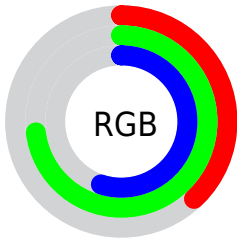
Format	Color
RYB	98, 157, 185
Decimal	6470028
CIELab	68.89, -36.72, 14.86
CIElCh	69, 39.618, 157.967
Yxy	39.1880, 0.2789, 0.4029
Android (android.graphics.Color)	4284660108 (0xFF62B98C)
YUV	153.8570, -6.8315, -48.9866
Hunter-Lab	62.6003, -32.2211, 14.5110

Details

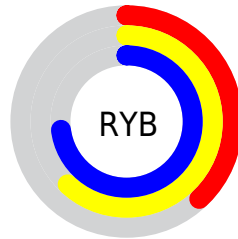
The XYZ color **27.1196, 39.1880, 30.9456** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.3345, 21.0338, 28.5021**, and the grayscale version is **30.6941, 32.2926, 35.1666**.

A 20% lighter version of the original color is **54.6266, 74.1716, 62.4764**, and **10.8762, 17.4422, 12.4663** is the 20% darker color. If you saturate the color by 10%, you get **24.6744, 38.0065, 27.3070**, and if you desaturate by 10%, it is **30.0896, 40.6351, 34.9308**.

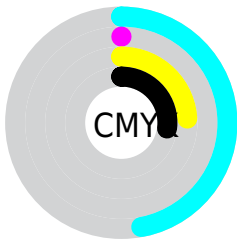
Distribution



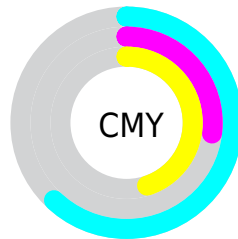
- Red (38%)
- Green (73%)
- Blue (55%)



- Red (38%)
- Yellow (62%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)





- Cyan (62%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1196, 39.1880, 30.9456 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 27.1196, 39.1880, 30.9456 by changing the saturation by 10% instead.


 27.1196, 39.1880,
30.9456


 27.1196, 39.1880,
30.9456


280.3927,
342.6891, 320.6311


 17.8001, 26.9060,
20.2993


 54.4943, 73.9254,
62.2330


 10.9054, 17.5026,
12.4266


 73.2802, 97.1497,
83.7112

 6.0701, 10.5935,
6.9088


 95.9522, 124.7901,
109.6371

 2.9288, 5.7942,
3.3276

 122.8758,
157.2311, 140.4292

 1.1162, 2.7204,
1.2642

154.4163,
194.8572, 176.5061

 0.0386, 0.9875,
0.0322

190.9391,

 0.0000, 0.0000,

238.0526, 218.2864

0.0000

232.8094,
287.2018, 266.1885

■ 27.1196, 39.1880,
30.9456

■ 27.1196, 39.1880,
30.9456

■ 24.6744, 38.0065,
27.3070

■ 30.0896, 40.6351,
34.9308

■ 22.7170, 37.0686,
24.0027

■ 33.6120, 42.3585,
39.2693

■ 21.2106, 36.3563,
21.0233


■ 37.7159, 44.3744,
43.9707


■ 20.1110, 35.8473,
18.3580


■ 42.4277, 46.6960,
49.0436


■ 19.3570, 35.5102,
15.9946


■ 47.7718, 49.3358,
54.4963

 19.1658, 35.4258,
15.3471

 53.7714, 52.3057,
60.3367

 60.4486, 55.6168,
66.5725

 67.8242, 59.2798,
73.2112

 72.3344, 61.4572,
80.0923

Harmonies

Analogous

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



30.2884, 39.1880, 20.7667



27.1196, 39.1880, 30.9456



26.5037, 39.1880, 47.6544

Triad

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



27.1196, 39.1880, 30.9456



38.9493, 39.1880, 87.0070



47.6228, 39.1880, 24.7046

Complementary

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



27.1196, 39.1880, 30.9456



29.3345, 21.0338, 28.5021

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.



50.5601, 39.1880, 38.0442



27.1196, 39.1880, 30.9456



45.1973, 39.1880, 76.2308

Square

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



27.1196, 39.1880, 30.9456



32.8901, 39.1880, 83.5232



49.6258, 39.1880, 57.0325



41.9727, 39.1880, 17.9345

Rectangle

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



27.1196, 39.1880, 30.9456



27.5503, 39.1880, 61.0693



49.6258, 39.1880, 57.0325



48.9876, 39.1880, 28.3946

Sweetspot

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



27.1207, 39.1896, 30.9465



69.7956, 80.5781, 81.2223



31.1265, 41.5468, 17.9347



14.6732, 17.1872, 17.1001



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.



27.1207, 39.1896, 30.9465



44.2337, 68.0878, 48.9740



30.8411, 40.6778, 50.5380



9.0661, 10.1304, 10.5054



13.0862, 24.1354, 10.6418



0.4926, 0.8634, 0.5400

Inverse Universe

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



29.3345, 21.0338, 28.5021



48.6609, 31.7628, 44.0722



26.7205, 19.9882, 14.7367



9.1933, 9.0877, 10.3655



15.0884, 7.6091, 8.3521



0.5630, 0.2807, 0.4583

Previews

White Background



This preview shows how the XYZ color 27.1196, 39.1880, 30.9456 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 27.1196, 39.1880, 30.9456 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 27.1196, 39.1880, 30.9456

Background



This preview shows how black text looks on a background with the XYZ color 27.1196, 39.1880, 30.9456.



This preview shows how white text looks on a background with the XYZ color 27.1196, 39.1880,

30.9456.

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

27.1196, 39.1880, 30.9456

Protanopia

36.2755, 38.7411, 27.0386

Deuteranopia

39.3416, 38.6104, 32.1671



Tritanopia

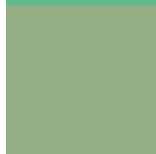
31.9904, 39.0261, 55.7159

Trichromacy



Original Color

27.1196, 39.1880, 30.9456



Protanomaly

31.8336, 38.3829, 28.2851



Deuteranomaly

33.2373, 37.9007, 31.5504



Tritanomaly

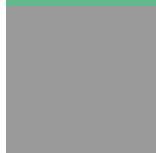
30.0106, 39.1290, 45.5061

Monochromacy



Original Color

27.1196, 39.1880, 30.9456



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.7115, 34.1485, 33.5118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1196, 39.1880, 30.9456 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(98, 185, 140)` looks like.

```
.text, #text, p{  
    color:rgb(98, 185, 140)  
}
```

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(98, 185, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 185, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.1196, 39.1880, 30.9456 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(98, 185, 140) }
```


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

```
.border{ border-color:rgb(98, 185, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 185, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 185, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 185, 140);  
box-shadow:4px 4px 4px 4px rgb(98, 185,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1196, 39.1880, 30.9456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 185, 140) }
```

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

```
.background{ background-color: rgb(98, 185,  
140) }
```

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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