

Converting Colors

XYZ(27.5584, 38.4964, 37.2452)

Have a look what the booklet for
XYZ(27.5584, 38.4964, 37.2452)
contains.

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Color

**XYZ(27.4480, 38.2891,
37.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB69C
RGB	95, 182, 156
RGB Percent	37%, 71%, 61%
CMY	0.6274, 0.2863, 0.3882
CMYK	0.48, 0.00, 0.14, 0.29
HSL	162°, 37%, 54%
HSV	162°, 48%, 71%
XYZ	27.4480, 38.2891, 37.3964
YIQ	153.0230, -43.5060, -26.5300

Conversions

Conversions Part 2

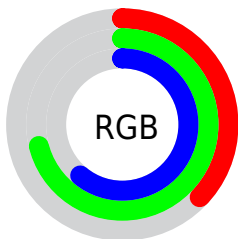
Format	Color
RYB	95, 146, 182
Decimal	6272668
CIELab	68.23, -32.58, 5.17
CIELCh	68, 32.989, 170.988
Yxy	38.2891, 0.2661, 0.3713
Android (android.graphics.Color)	4284462748 (0xFF5FB69C)
YUV	153.0230, 1.4677, -50.8862
Hunter-Lab	61.8782, -29.1076, 7.4825

Details

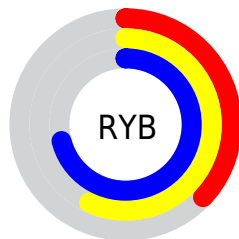
The XYZ color **27.4480, 38.2891, 37.3964** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.8361, 19.5109, 20.4421**, and the grayscale version is **30.2965, 31.8743, 34.7111**.

A 20% lighter version of the original color is **54.7851, 72.2862, 72.0379**, and **11.1630, 17.1137, 16.0795** is the 20% darker color. If you saturate the color by 10%, you get **25.3236, 37.2470, 34.9467**, and if you desaturate by 10%, it is **30.0368, 39.5702, 39.9772**.

Distribution



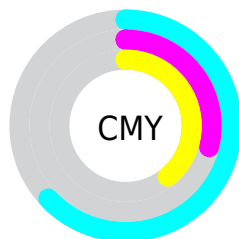
- Red (37%)
- Green (71%)
- Blue (61%)



- Red (37%)
- Yellow (57%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (63%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4480, 38.2891, 37.3964 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 27.4480, 38.2891, 37.3964 by changing the saturation by 10% instead.


 27.4480, 38.2891,
37.3964


 27.4480, 38.2891,
37.3964


281.9479,
338.8585, 350.2438


 18.0483, 26.2071,
25.2164


 55.0168, 72.5510,
72.3752


 11.0846, 16.9787,
16.0178


 73.9165, 95.4998,
96.0110

 6.1915, 10.2193,
9.3823


 96.7137, 122.8396,
124.3024

 3.0036, 5.5446,
4.8912

 123.7736,
154.9549, 157.6681

 1.1557, 2.5702,
2.1259

155.4616,
192.2301, 196.5266

 0.0709, 0.9117,
0.6311

192.1431,

 0.0000, 0.0000,

235.0494, 241.2963

0.0000

234.1834,
283.7975, 292.3958

■ 27.4480, 38.2891,
37.3964

■ 27.4480, 38.2891,
37.3964

■ 25.3236, 37.2470,
34.9467

■ 30.0368, 39.5702,
39.9772

■ 23.6290, 36.4231,
32.6226

■ 33.1153, 41.1004,
42.6891

■ 22.3297, 35.8006,
30.4219


■ 36.7106, 42.8946,
45.5357


■ 21.3840, 35.3582,
28.3412

■ 40.8471, 44.9653,
48.5193


■ 20.7281, 35.0628,
26.3760


■ 45.5473, 47.3241,
51.6423

 20.5992, 35.0055,
25.9582

 50.8326, 49.9820,
54.9069

 56.7233, 52.9494,
58.3155

 63.2386, 56.2362,
61.8700

 68.9829, 59.1230,
65.5065

Harmonies

Analogous

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



29.2160, 38.2891, 26.2417



27.4480, 38.2891, 37.3964



27.8942, 38.2891, 52.7162

Triad

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



27.4480, 38.2891, 37.3964



40.0625, 38.2891, 74.2391



43.0012, 38.2891, 23.2823

Complementary

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



27.4480, 38.2891, 37.3964



26.8361, 19.5109, 20.4421

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.



46.4625, 38.2891, 32.3201



27.4480, 38.2891, 37.3964



44.6576, 38.2891, 62.2533

Square

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



27.4480, 38.2891, 37.3964



34.8607, 38.2891, 76.5157



47.0957, 38.2891, 46.3010



37.9688, 38.2891, 19.4552

Rectangle

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



27.4480, 38.2891, 37.3964



29.4063, 38.2891, 63.2386



47.0957, 38.2891, 46.3010



44.4061, 38.2891, 25.6946

Sweetspot

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



27.4491, 38.2906, 37.3973



69.1120, 79.0440, 84.4521



26.6938, 38.3559, 16.8236



14.9198, 17.2859, 18.3984



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.



27.4491, 38.2906, 37.3973



45.8537, 67.4983, 63.2852



26.5471, 32.5779, 49.1467



9.1492, 10.1637, 10.9432



14.5767, 24.7316, 18.4907



0.5398, 0.8822, 0.7882

Inverse Universe

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



26.8361, 19.5109, 20.4421



44.6347, 29.4923, 29.0788



27.1965, 22.4491, 13.7267



9.1121, 9.0552, 9.9378



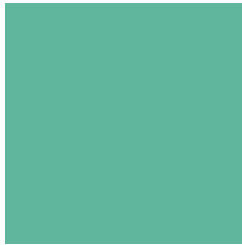
14.1262, 7.2242, 3.2855



0.5262, 0.2660, 0.2643

Previews

White Background



This preview shows how the XYZ color 27.4480, 38.2891, 37.3964 looks on a white background.

Color Contrast Check

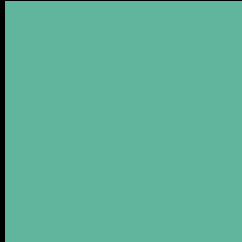
Large Text (above 18pt) WCAG AA × Fail

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 27.4480, 38.2891, 37.3964 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 27.4480, 38.2891, 37.3964

Background



This preview shows how black text looks on a background with the XYZ color 27.4480, 38.2891, 37.3964.

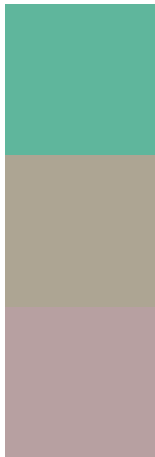


This preview shows how white text looks on a background with the XYZ color 27.4480, 38.2891,

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

27.4480, 38.2891, 37.3964

Protanopia

35.9552, 37.9011, 33.0244

Deuteranopia

38.5323, 37.7821, 38.9800



Tritanopia

30.9518, 38.2091, 55.0340

Trichromacy



Original Color

27.4480, 38.2891, 37.3964



Protanomaly

31.7450, 37.3476, 34.3898



Deuteranomaly

33.0231, 37.0878, 38.2190



Tritanomaly

29.5228, 38.2213, 47.9409

Monochromacy



Original Color

27.4480, 38.2891, 37.3964



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.6239, 33.7895, 35.5852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4480, 38.2891, 37.3964 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(95, 182, 156)` looks like.

```
.text, #text, p{  
    color:rgb(95, 182, 156)  
}
```

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(95, 182, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 182, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.4480, 38.2891, 37.3964 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(95, 182, 156) }
```


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

```
.border{ border-color:rgb(95, 182, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 182, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(95, 182,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4480, 38.2891, 37.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 182, 156) }
```

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

```
.background{ background-color: rgb(95, 182,  
156) }
```

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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