

Converting Colors

XYZ(27.1499, 38.8067, 30.5996)

Have a look what the booklet for
XYZ(27.1499, 38.8067, 30.5996)
contains.

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Color

**XYZ(27.1675, 38.9118,
30.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	65B88B
RGB	101, 184, 139
RGB Percent	40%, 72%, 55%
CMY	0.6039, 0.2784, 0.4549
CMYK	0.45, 0.00, 0.24, 0.28
HSL	147°, 37%, 56%
HSV	147°, 45%, 72%
XYZ	27.1675, 38.9118, 30.5049
YIQ	154.0530, -35.0230, -31.5910

Conversions

Conversions Part 2

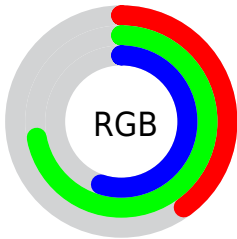
Format	Color
RYB	101, 158, 184
Decimal	6666379
CIELab	68.69, -35.67, 15.14
CIElCh	69, 38.751, 156.995
Yxy	38.9118, 0.2813, 0.4029
Android (android.graphics.Color)	4284856459 (0xFF65B88B)
YUV	154.0530, -7.4211, -46.5275
Hunter-Lab	62.3793, -31.4233, 14.6714

Details

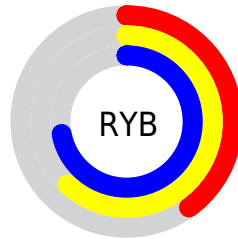
The XYZ color **27.1675, 38.9118, 30.5049** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.6104, 21.5739, 29.7991**, and the grayscale version is **30.7818, 32.3849, 35.2671**.

A 20% lighter version of the original color is **54.7912, 73.8288, 61.8147**, and **10.9125, 17.2674, 12.2090** is the 20% darker color. If you saturate the color by 10%, you get **24.6375, 37.6890, 26.7538**, and if you desaturate by 10%, it is **30.2273, 40.4021, 34.6297**.

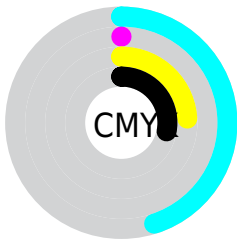
Distribution



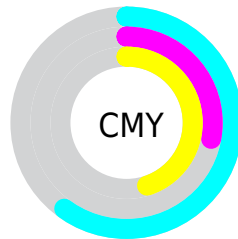
- Red (40%)
- Green (72%)
- Blue (55%)



- Red (40%)
- Yellow (62%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (28%)





- Cyan (60%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1675, 38.9118, 30.5049 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 27.1675, 38.9118, 30.5049 by changing the saturation by 10% instead.


 27.1675, 38.9118,
30.5049


 27.1675, 38.9118,
30.5049


280.6200,
341.5154, 318.5311


 17.8363, 26.6911,
19.9668


 54.5705, 73.5036,
61.5301


 10.9315, 17.3414,
12.1871


 73.3731, 96.6434,
82.8544

 6.0877, 10.4782,
6.7471


 96.0634, 124.1918,
108.6112

 2.9397, 5.7171,
3.2284

 123.0070,
156.5331, 139.2190

 1.1219, 2.6739,
1.2124

154.5690,
194.0517, 175.0963

 0.0434, 0.9639,
0.0000

191.1150,

 0.0000, 0.0000,

237.1320, 216.6617

0.0000

233.0102,
286.1585, 264.3338

■ 27.1675, 38.9118,
30.5049

■ 27.1675, 38.9118,
30.5049

■ 24.6375, 37.6890,
26.7538

■ 30.2273, 40.4021,
34.6297

■ 22.6014, 36.7123,
23.3631

■ 33.8438, 42.1705,
39.1360

■ 21.0232, 35.9644,
20.3223


■ 38.0457, 44.2326,
44.0344


■ 19.8606, 35.4237,
17.6192


■ 42.8587, 46.6015,
49.3345


■ 19.0621, 35.0638,
15.2410


■ 48.3070, 49.2894,
55.0453

 18.7509, 34.9264,
14.1902

 54.4135, 52.3080,
61.1758

 61.1998, 55.6684,
67.7345

 68.6866, 59.3809,
74.7296

 72.4945, 61.1878,
81.9634

Harmonies

Analogous

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



30.3399, 38.9118, 20.7333



27.1675, 38.9118, 30.5049



26.4821, 38.9118, 46.6104

Triad

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



27.1675, 38.9118, 30.5049



38.4375, 38.9118, 85.4450



47.2123, 38.9118, 25.1388

Complementary

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



27.1675, 38.9118, 30.5049



29.6104, 21.5739, 29.7991

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.



49.9507, 38.9118, 38.3918



27.1675, 38.9118, 30.5049



44.5346, 38.9118, 75.4254

Square

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



27.1675, 38.9118, 30.5049



32.5695, 38.9118, 81.6218



48.9204, 38.9118, 56.9666



41.7815, 38.9118, 18.2855

Rectangle

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



27.1675, 38.9118, 30.5049



27.4506, 38.9118, 59.5987



48.9204, 38.9118, 56.9666



48.5040, 38.9118, 28.8270

Sweetspot

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



27.1685, 38.9134, 30.5058



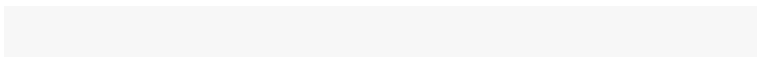
69.6835, 80.5333, 80.6321



31.4607, 41.3931, 18.6438



14.6459, 17.1763, 16.9560



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.



27.1685, 38.9134, 30.5058



44.7454, 68.3597, 48.6297



30.7315, 40.3386, 49.2682



9.0567, 10.1267, 10.4562



12.9573, 24.0839, 9.9630



0.4881, 0.8615, 0.5160

Inverse Universe

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



29.6104, 21.5739, 29.7991



49.7208, 32.9946, 47.1638



26.9795, 20.5215, 15.9445



9.2027, 9.0915, 10.4151



15.2368, 7.6685, 9.1338



0.5680, 0.2827, 0.4844

Previews

White Background



This preview shows how the XYZ color 27.1675, 38.9118, 30.5049 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 27.1675, 38.9118, 30.5049 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 27.1675, 38.9118, 30.5049

Background



This preview shows how black text looks on a background with the XYZ color 27.1675, 38.9118, 30.5049.



This preview shows how white text looks on a background with the XYZ color 27.1675, 38.9118,

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

27.1675, 38.9118, 30.5049

Protanopia

35.8644, 38.2582, 26.9671

Deuteranopia

39.0907, 38.2316, 31.7047



Tritanopia

32.0655, 38.7833, 55.0861

Trichromacy



Original Color

27.1675, 38.9118, 30.5049

Protanomaly

31.6411, 37.9979, 28.2209

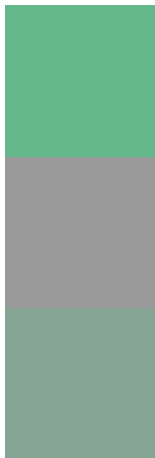
Deuteranomaly

33.1710, 37.5980, 31.1000

Tritanomaly

30.0743, 38.8723, 44.9477

Monochromacy



Original Color

27.1675, 38.9118, 30.5049

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

28.8716, 34.2311, 33.5193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1675, 38.9118, 30.5049 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(101, 184, 139)` looks like.

```
.text, #text, p{  
    color:rgb(101, 184, 139)  
}
```

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(101, 184, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 184, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.1675, 38.9118, 30.5049 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(101, 184, 139) }
```


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

```
.border{ border-color:rgb(101, 184, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 184, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 184, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 184, 139);  
box-shadow:4px 4px 4px 4px rgb(101, 184,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1675, 38.9118, 30.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 184, 139) }
```

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

```
.background{ background-color: rgb(101,  
184, 139) }
```

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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