

Converting Colors

XYZ(27.5956, 38.8062, 26.5182)

Have a look what the booklet for
XYZ(27.5956, 38.8062, 26.5182)
contains.

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Color

**XYZ(27.6398, 38.9362,
26.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	71B780
RGB	113, 183, 128
RGB Percent	44%, 72%, 50%
CMY	0.5569, 0.2823, 0.4980
CMYK	0.38, 0.00, 0.30, 0.28
HSL	133°, 33%, 58%
HSV	133°, 38%, 72%
XYZ	27.6398, 38.9362, 26.4807
YIQ	155.8000, -24.0650, -31.9450

Conversions

Conversions Part 2

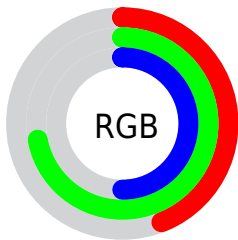
Format	Color
RYB	113, 171, 183
Decimal	7452544
CIELab	68.71, -33.85, 21.20
CIElCh	69, 39.941, 147.936
Yxy	38.9362, 0.2970, 0.4184
Android (android.graphics.Color)	4285642624 (0xFF71B780)
YUV	155.8000, -13.7054, -37.5356
Hunter-Lab	62.3989, -30.1308, 18.5179

Details

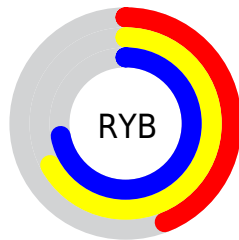
The XYZ color **27.6398, 38.9362, 26.4807** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.5027, 24.7055, 40.1028**, and the grayscale version is **31.5784, 33.2229, 36.1798**.

A 20% lighter version of the original color is **55.1433, 73.2847, 54.9551**, and **11.0889, 17.2112, 9.9454** is the 20% darker color. If you saturate the color by 10%, you get **24.6383, 37.4917, 21.7453**, and if you desaturate by 10%, it is **31.2522, 40.6823, 31.9465**.

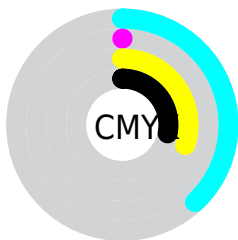
Distribution



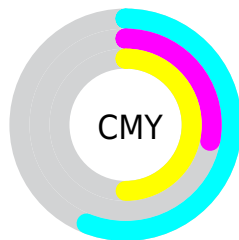
- Red (44%)
- Green (72%)
- Blue (50%)



- Red (44%)
- Yellow (67%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (56%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6398, 38.9362, 26.4807 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 27.6398, 38.9362, 26.4807 by changing the saturation by 10% instead.

■ 27.6398, 38.9362,
26.4807

■ 27.6398, 38.9362,
26.4807

282.8531,
341.6192, 298.8141

■ 18.1934, 26.7101,
16.9546

■ 55.3215, 73.5408,
55.0430

■ 11.1894, 17.3556,
10.0405

■ 74.2875, 96.6882,
74.9163

■ 6.2626, 10.4884,
5.3199

■ 97.1575, 124.2447,
99.0757

■ 3.0476, 5.7239,
2.3741

124.2966,
156.5948, 127.9399

■ 1.1790, 2.6780,
0.7723

156.0704,
194.1229, 161.9272

■ 0.0897, 0.9660,
0.0000

192.8442,

■ 0.0000, 0.0000,

237.2134, 201.4564

0.0000

234.9833,
286.2507, 246.9458

■ 27.6398, 38.9362,
26.4807

■ 27.6398, 38.9362,
26.4807

■ 24.6383, 37.4917,
21.7453

■ 31.2522, 40.6823,
31.9465

■ 22.2105, 36.3270,
17.7068

■ 35.5040, 42.7409,
38.1692

■ 20.3193, 35.4248,
14.3330


■ 40.4257, 45.1281,
45.1771


■ 18.9225, 34.7640,
11.5880


■ 46.0448, 47.8576,
52.9962


■ 17.9706, 34.3200,
9.4324

■ 52.3873, 50.9423,
61.6515

 17.3874, 34.0544,
7.8219

 59.4778, 54.3943,
71.1668

 17.3040, 34.0164,
7.5920

 67.3398, 58.2253,
81.5648

 74.3568, 61.6015,
92.7909

 76.2242, 62.3485,
102.6247

Harmonies

Analogous

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



31.6044, 38.9362, 18.4918



27.6398, 38.9362, 26.4807



26.1488, 38.9362, 41.1543

Triad

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



27.6398, 38.9362, 26.4807



36.5720, 38.9362, 87.5215



48.8082, 38.9362, 28.0982

Complementary

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



27.6398, 38.9362, 26.4807



32.5027, 24.7055, 40.1028

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.



50.5204, 38.9362, 43.6601



27.6398, 38.9362, 26.4807



42.9941, 38.9362, 81.1479

Square

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



27.6398, 38.9362, 26.4807



30.9273, 38.9362, 79.2318



48.2840, 38.9362, 63.6709



43.8369, 38.9362, 19.2217

Rectangle

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



27.6398, 38.9362, 26.4807



26.6135, 38.9362, 54.0339



48.2840, 38.9362, 63.6709



49.8071, 38.9362, 32.5601

Sweetspot

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



27.6408, 38.9378, 26.4816



69.6892, 79.5053, 77.0826



36.2778, 43.4961, 22.1066



15.1247, 17.4305, 16.6455



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.



27.6408, 38.9378, 26.4816



44.8604, 67.4978, 40.1287



30.2663, 39.9880, 40.3070



8.9670, 10.0908, 9.9837



12.0923, 23.7379, 5.4079



0.4494, 0.8461, 0.3122

Inverse Universe

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



32.5027, 24.7055, 40.1028



54.8110, 38.3281, 67.9761



29.7378, 23.5995, 25.5427



9.2963, 9.1289, 10.9077



17.1497, 8.4337, 19.2071



0.6255, 0.3057, 0.7871

Previews

White Background



This preview shows how the XYZ color 27.6398, 38.9362, 26.4807 looks on a white background.

Color Contrast Check

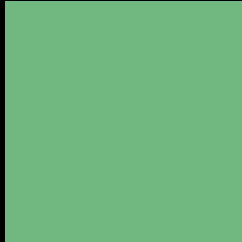
Large Text (above 18pt) WCAG AA × Fail

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 27.6398, 38.9362, 26.4807 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 27.6398, 38.9362, 26.4807

Background



This preview shows how black text looks on a background with the XYZ color 27.6398, 38.9362, 26.4807.



This preview shows how white text looks on a background with the XYZ color 27.6398, 38.9362,

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

27.6398, 38.9362, 26.4807

Protanopia

35.8603, 38.6016, 23.6500

Deuteranopia

39.0526, 38.3044, 27.5255



Tritanopia

33.1195, 38.7697, 53.8818

Trichromacy



Original Color

27.6398, 38.9362, 26.4807



Protanomaly

32.0992, 38.3109, 24.7717



Deuteranomaly

33.6164, 37.6433, 26.9668



Tritanomaly

30.7806, 38.6958, 42.4059

Monochromacy



Original Color

27.6398, 38.9362, 26.4807



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

29.6397, 34.9232, 32.3728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6398, 38.9362, 26.4807 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, 183, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 183, 128)  
}
```

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, 183, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 183, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.6398, 38.9362, 26.4807 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, 183, 128) }
```


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

```
.border{ border-color:rgb(113, 183, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 183, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 183, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 183, 128);  
box-shadow:4px 4px 4px 4px rgb(113, 183,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6398, 38.9362, 26.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 183, 128) }
```

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

```
.background{ background-color: rgb(113,  
183, 128) }
```

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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