

Converting Colors

XYZ(26.8080, 36.4013, 26.1344)

Have a look what the booklet for
XYZ(26.8080, 36.4013, 26.1344)
contains.

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Color

**XYZ(26.7577, 36.3911,
26.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	75B080
RGB	117, 176, 128
RGB Percent	46%, 69%, 50%
CMY	0.5412, 0.3098, 0.4980
CMYK	0.34, 0.00, 0.27, 0.31
HSL	131°, 27%, 57%
HSV	131°, 34%, 69%
XYZ	26.7577, 36.3911, 26.0360
YIQ	152.8870, -19.7560, -27.4360

Conversions

Conversions Part 2

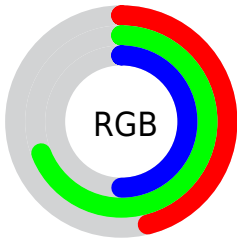
Format	Color
RYB	117, 167, 176
Decimal	7712896
CIELab	66.82, -29.28, 18.65
CIELCh	67, 34.712, 147.497
Yxy	36.3911, 0.3000, 0.4080
Android (android.graphics.Color)	4285902976 (0xFF75B080)
YUV	152.8870, -12.2693, -31.4729
Hunter-Lab	60.3250, -26.3936, 16.6382

Details

The XYZ color **26.7577, 36.3911, 26.0360** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.0585, 24.6700, 38.7234**, and the grayscale version is **30.2877, 31.8650, 34.7010**.

A 20% lighter version of the original color is **53.9917, 69.7073, 54.3253**, and **10.7410, 15.8887, 9.8978** is the 20% darker color. If you saturate the color by 10%, you get **23.7347, 34.9351, 21.3173**, and if you desaturate by 10%, it is **30.3602, 38.1326, 31.4777**.

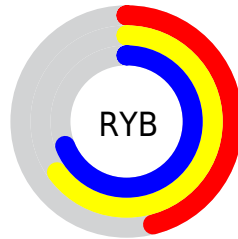
Distribution



Red (46%)

Green (69%)

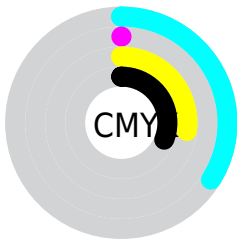
Blue (50%)



Red (46%)

Yellow (65%)

Blue (69%)

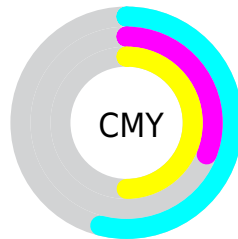


Cyan (34%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7577, 36.3911, 26.0360 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 26.7577, 36.3911, 26.0360 by changing the saturation by 10% instead.

■ 26.7577, 36.3911,
26.0360

■ 26.7577, 36.3911,
26.0360

278.6710,
330.6668, 296.5699

■ 17.5270, 24.7364,
16.6246

■ 53.9174, 69.6353,
54.3178

■ 10.7085, 15.8808,
9.8081

■ 72.5772, 91.9936,
74.0253

■ 5.9370, 9.4398,
5.1679

■ 95.1106, 118.6885,
98.0018

■ 2.8471, 5.0292,
2.2857

121.8831,
150.1045, 126.6660

■ 1.0734, 2.2644,
0.7232

153.2601,
186.6259, 160.4364

■ 0.0027, 0.7548,
0.0000

189.6068,

■ 0.0000, 0.0000,

228.6372, 199.7314

0.0000

231.2887,
276.5226, 244.9697

■ 26.7577, 36.3911,
26.0360

■ 26.7577, 36.3911,
26.0360

■ 23.7347, 34.9351,
21.3173

■ 30.3602, 38.1326,
31.4777

■ 21.2579, 33.7448,
17.2888

■ 34.5677, 40.1690,
37.6685

■ 19.2949, 32.8054,
13.9189


■ 39.4075, 42.5148,
44.6363


■ 17.8085, 32.0984,
11.1723


■ 44.9043, 45.1822,
52.4067


■ 16.7565, 31.6028,
9.0107


■ 51.0817, 48.1829,
61.0041


 16.0889, 31.2938,
7.3912

 57.9619, 51.5277,
70.4520

 15.7980, 31.1609,
6.6074

 65.5663, 55.2274,
80.7729

 72.8761, 58.7561,
91.9399

 74.8161, 59.5321,
102.1554

Harmonies

Analogous

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



30.1359, 36.3911, 19.1208



26.7577, 36.3911, 26.0360



25.4557, 36.3911, 38.3753

Triad

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



26.7577, 36.3911, 26.0360



34.1499, 36.3911, 76.0730



44.3332, 36.3911, 27.7230

Complementary

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



26.7577, 36.3911, 26.0360



31.0585, 24.6700, 38.7234

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.



45.6802, 36.3911, 40.8989



26.7577, 36.3911, 26.0360



39.4597, 36.3911, 71.1815

Square

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



26.7577, 36.3911, 26.0360



29.4452, 36.3911, 69.3331



43.8154, 36.3911, 57.2681



40.2987, 36.3911, 19.9076

Rectangle

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



26.7577, 36.3911, 26.0360



25.8302, 36.3911, 48.9627



43.8154, 36.3911, 57.2681



45.1320, 36.3911, 31.5549

Sweetspot

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



26.7587, 36.3926, 26.0368



65.5009, 74.2110, 72.3876



34.2928, 40.3558, 22.8119



13.9426, 15.9604, 15.3223



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.7587, 36.3926, 26.0368



44.4905, 64.0538, 40.9481



28.9754, 37.2793, 37.7099



8.4516, 9.5151, 9.3716



11.6072, 22.8688, 4.9343



0.3845, 0.7273, 0.2566

Inverse Universe

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



31.0585, 24.6700, 38.7234



53.4506, 39.6042, 67.3689



28.6883, 23.7219, 26.2421



8.7807, 8.6190, 10.3437



16.8050, 8.2395, 19.9308



0.5464, 0.2663, 0.7198

Previews

White Background



This preview shows how the XYZ color 26.7577, 36.3911, 26.0360 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 26.7577, 36.3911, 26.0360 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 26.7577, 36.3911, 26.0360

Background



This preview shows how black text looks on a background with the XYZ color 26.7577, 36.3911, 26.0360.



This preview shows how white text looks on a background with the XYZ color 26.7577, 36.3911,

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

26.7577, 36.3911, 26.0360

Protanopia

33.6051, 36.1054, 23.2870

Deuteranopia

36.7924, 36.1342, 26.8652



Tritanopia

31.5336, 36.3425, 49.6088

Trichromacy



Original Color

26.7577, 36.3911, 26.0360

Protanomaly

30.5937, 35.8650, 24.3790

Deuteranomaly

32.0942, 35.5145, 26.6362

Tritanomaly

29.5863, 36.3988, 39.6487

Monochromacy



Original Color

26.7577, 36.3911, 26.0360

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.5941, 33.0788, 31.2633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7577, 36.3911, 26.0360 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(117, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(117, 176, 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(117, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 176, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.7577, 36.3911, 26.0360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

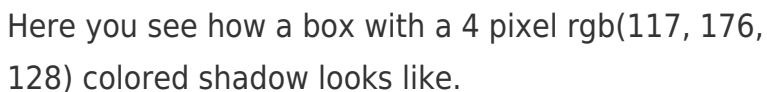
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 176, 128) }
```


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

```
.border{ border-color:rgb(117, 176, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 176, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 176, 128); box-shadow:4px 4px 4px 4px rgb(117, 176, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7577, 36.3911, 26.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 176, 128) }
```

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

```
.background{ background-color: rgb(117,  
176, 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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