

Converting Colors

XYZ(27.3012, 38.1384, 24.9411)

Have a look what the booklet for
XYZ(27.3012, 38.1384, 24.9411)
contains.

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Color

**XYZ(27.3644, 38.2160,
25.0029)**

Conversions

Conversions Part 1

Format	Color
Hex	74B57C
RGB	116, 181, 124
RGB Percent	45%, 71%, 49%
CMY	0.5451, 0.2902, 0.5137
CMYK	0.36, 0.00, 0.31, 0.29
HSL	127°, 31%, 58%
HSV	127°, 36%, 71%
XYZ	27.3644, 38.2160, 25.0029
YIQ	155.0670, -20.4430, -31.5070

Conversions

Conversions Part 2

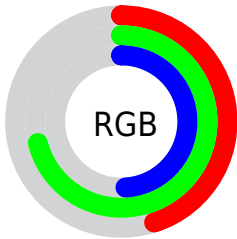
Format	Color
RYB	116, 174, 181
Decimal	7648636
CIELab	68.18, -32.69, 22.66
CIELCh	68, 39.775, 145.264
Yxy	38.2160, 0.3021, 0.4219
Android (android.graphics.Color)	4285838716 (0xFF74B57C)
YUV	155.0670, -15.3160, -34.2618
Hunter-Lab	61.8191, -29.1699, 19.2934

Details

The XYZ color **27.3644, 38.2160, 25.0029** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.8455, 25.3324, 42.6951**, and the grayscale version is **31.2583, 32.8862, 35.8130**.

A 20% lighter version of the original color is **54.7976, 72.2887, 52.6600**, and **11.1035, 17.0363, 9.3597** is the 20% darker color. If you saturate the color by 10%, you get **24.2646, 36.7259, 20.0333**, and if you desaturate by 10%, it is **31.0966, 40.0157, 30.8471**.

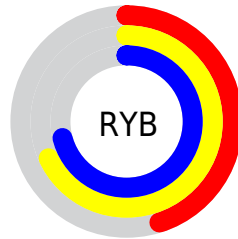
Distribution



Red (45%)

Green (71%)

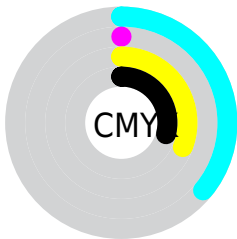
Blue (49%)



Red (45%)

Yellow (68%)

Blue (71%)

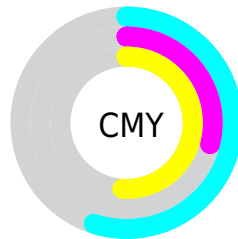


Cyan (36%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (55%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3644, 38.2160, 25.0029 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 27.3644, 38.2160, 25.0029 by changing the saturation by 10% instead.

■ 27.3644, 38.2160,
25.0029

■ 27.3644, 38.2160,
25.0029

281.5527,
338.5456, 291.3005

■ 17.9851, 26.1504,
15.8602

■ 54.8838, 72.4391,
52.6261

■ 11.0389, 16.9362,
9.2720

■ 73.7547, 95.3653,
71.9437

■ 6.1605, 10.1890,
4.8198

■ 96.5200, 122.6806,
95.4899

■ 2.9845, 5.5244,
2.0850

123.5453,
154.7692, 123.6834

■ 1.1456, 2.5581,
0.6068

155.1959,
192.0157, 156.9427

■ 0.0627, 0.9057,
0.0000

191.8370,

■ 0.0000, 0.0000,

234.8043, 195.6863

0.0000

233.8342,
283.5195, 240.3327

■ 27.3644, 38.2160,
25.0029

■ 27.3644, 38.2160,
25.0029

■ 24.2646, 36.7259,
20.0333

■ 31.0966, 40.0157,
30.8471

■ 21.7590, 35.5233,
15.8940

■ 35.4906, 42.1359,
37.6026

■ 19.8104, 34.5909,
12.5403


■ 40.5774, 44.5929,
45.3069


■ 18.3754, 33.9076,
9.9226


■ 46.3853, 47.4008,
53.9946


■ 17.4047, 33.4490,
7.9853


■ 52.9410, 50.5723,
63.6988


 16.8361, 33.1846,
6.6652

 60.2697, 54.1200,
74.4509

 16.6722, 33.1083,
6.2851

 68.3957, 58.0557,
86.2810

 75.1743, 61.2731,
99.1164

 75.8146, 61.5293,
102.4882

Harmonies

Analogous

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



31.4599, 38.2160, 17.7065



27.3644, 38.2160, 25.0029



25.6717, 38.2160, 38.8493

Triad

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



27.3644, 38.2160, 25.0029



35.3457, 38.2160, 85.8641



48.2324, 38.2160, 28.6513

Complementary

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



27.3644, 38.2160, 25.0029



32.8455, 25.3324, 42.6951

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.



49.5757, 38.2160, 44.5000



27.3644, 38.2160, 25.0029



41.6635, 38.2160, 80.8508

Square

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



27.3644, 38.2160, 25.0029



29.9329, 38.2160, 76.5314



47.0506, 38.2160, 64.3066



43.5637, 38.2160, 19.3532

Rectangle

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



27.3644, 38.2160, 25.0029



25.9749, 38.2160, 51.2824



47.0506, 38.2160, 64.3066



49.1089, 38.2160, 33.2386

Sweetspot

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



27.3654, 38.2176, 25.0038



67.7101, 77.4651, 73.6513



37.0037, 43.2424, 22.9196



14.3766, 16.6184, 15.5275



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.3654, 38.2176, 25.0038



44.5803, 66.3130, 37.7007



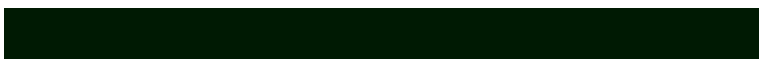
29.7352, 39.1655, 37.4832



8.4301, 9.5065, 9.2587



11.5073, 22.8289, 4.4085



0.3756, 0.7237, 0.2100

Inverse Universe

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



32.8455, 25.3324, 42.6951



55.8252, 39.8514, 73.9860



30.1041, 24.2358, 28.2589



8.8041, 8.6284, 10.4669



17.4517, 8.4982, 23.3363



0.5617, 0.2724, 0.8004

Previews

White Background



This preview shows how the XYZ color 27.3644, 38.2160, 25.0029 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 27.3644, 38.2160, 25.0029 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 27.3644, 38.2160, 25.0029

Background



This preview shows how black text looks on a background with the XYZ color 27.3644, 38.2160, 25.0029.



This preview shows how white text looks on a background with the XYZ color 27.3644, 38.2160,

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

27.3644, 38.2160, 25.0029

Protanopia

35.0261, 37.6596, 22.2526

Deuteranopia

38.6087, 37.8506, 26.0399



Tritanopia

32.8153, 38.0642, 52.6313

Trichromacy



Original Color

27.3644, 38.2160, 25.0029

Protanomaly

31.4706, 37.4504, 23.3393

Deuteranomaly

33.3754, 37.2767, 25.5147

Tritanomaly

30.5384, 38.0161, 40.8503

Monochromacy



Original Color

27.3644, 38.2160, 25.0029

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.2940, 34.2273, 31.4481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3644, 38.2160, 25.0029 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(116, 181, 124)` looks like.

```
.text, #text, p{  
    color:rgb(116, 181, 124)  
}
```

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(116, 181, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 181, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.3644, 38.2160, 25.0029 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(116, 181, 124) }
```


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

```
.border{ border-color:rgb(116, 181, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 181, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 181, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 181, 124);  
box-shadow:4px 4px 4px 4px rgb(116, 181,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3644, 38.2160, 25.0029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 181, 124) }
```

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

```
.background{ background-color: rgb(116,  
181, 124) }
```

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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