

Converting Colors

XYZ(30.2486, 38.3094, 20.8391)

Have a look what the booklet for
XYZ(30.2486, 38.3094, 20.8391)
contains.

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Color

**XYZ(30.2486, 38.3094,
20.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	92B06F
RGB	146, 176, 111
RGB Percent	57%, 69%, 44%
CMY	0.4275, 0.3098, 0.5647
CMYK	0.17, 0.00, 0.37, 0.31
HSL	88°, 29%, 56%
HSV	88°, 37%, 69%
XYZ	30.2486, 38.3094, 20.8391
YIQ	159.6200, 2.9850, -26.5750

Conversions

Conversions Part 2

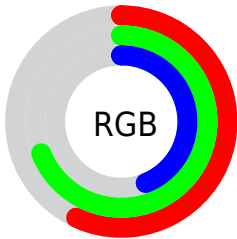
Format	Color
RYB	111, 176, 141
Decimal	9613423
CIELab	68.25, -21.77, 30.00
CIELCh	68, 37.063, 125.967
Yxy	38.3094, 0.3384, 0.4285
Android (android.graphics.Color)	4287803503 (0xFF92B06F)
YUV	159.6200, -23.9697, -11.9447
Hunter-Lab	61.8946, -21.0805, 23.3640

Details

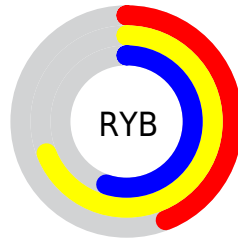
The XYZ color **30.2486, 38.3094, 20.8391** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.5071, 20.1673, 43.6775**, and the grayscale version is **33.3453, 35.0819, 38.2042**.

A 20% lighter version of the original color is **59.5549, 72.7751, 45.5585**, and **12.5686, 16.8934, 7.1557** is the 20% darker color. If you saturate the color by 10%, you get **27.9805, 37.2425, 16.1632**, and if you desaturate by 10%, it is **32.8123, 39.5090, 26.5272**.

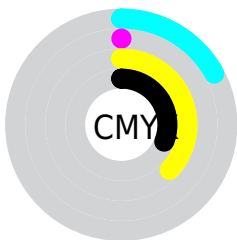
Distribution



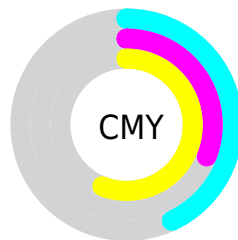
- Red (57%)
- Green (69%)
- Blue (44%)



- Red (44%)
- Yellow (69%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (43%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2486, 38.3094, 20.8391 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 30.2486, 38.3094, 20.8391 by changing the saturation by 10% instead.

■ 30.2486, 38.3094,
20.8391

■ 30.2486, 38.3094,
20.8391

294.9506,
338.9454, 269.1751

■ 20.1764, 26.2229,
12.8163

■ 59.4390, 72.5821,
45.6969

■ 12.6323, 16.9905,
7.1730

■ 79.2879, 95.5371,
63.3690

■ 7.2511, 10.2277,
3.4904

■ 103.1265,
122.8838, 85.0947

■ 3.6674, 5.5502,
1.3502

■ 131.3199,
155.0065, 111.2925

■ 1.5157, 2.5736,
0.1024

164.2337,
192.2896, 142.3808

■ 0.3365, 0.9134,
0.0000

202.2332,

■ 0.0000, 0.0000,

235.1175, 178.7784

0.0000

245.6837,
283.8746, 220.9036

■ 30.2486, 38.3094,
20.8391

■ 30.2486, 38.3094,
20.8391

■ 27.9805, 37.2425,
16.1632

■ 32.8123, 39.5090,
26.5272

■ 25.9916, 36.2976,
12.4375

■ 35.6810, 40.8414,
33.2795

■ 24.2684, 35.4703,
9.5972


■ 38.8674, 42.3132,
41.1476


■ 22.7944, 34.7539,
7.5682


■ 42.3824, 43.9290,
50.1789


■ 21.5511, 34.1405,
6.2645


■ 46.2363, 45.6931,
60.4180


 20.5127, 33.6196,
5.5631

 50.4390, 47.6097,
71.9074

 20.2209, 33.4726,
5.3951

 54.9999, 49.6828,
84.6873

 59.9281, 51.9162,
98.7961

 62.8249, 53.3506,
101.5942

Harmonies

Analogous

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



35.2653, 38.3094, 17.3328



30.2486, 38.3094, 20.8391



27.1491, 38.3094, 30.0129

Triad

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



30.2486, 38.3094, 20.8391



32.0574, 38.3094, 78.1983



48.6643, 38.3094, 38.4806

Complementary

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



30.2486, 38.3094, 20.8391



24.5071, 20.1673, 43.6775

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.



47.5731, 38.3094, 56.1147



30.2486, 38.3094, 20.8391



37.5832, 38.3094, 82.2106

Square

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



30.2486, 38.3094, 20.8391



28.1132, 38.3094, 63.4161



43.3603, 38.3094, 73.2597



46.2015, 38.3094, 25.6294

Rectangle

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



30.2486, 38.3094, 20.8391



26.3843, 38.3094, 39.5066



43.3603, 38.3094, 73.2597



48.7041, 38.3094, 43.9989

Sweetspot

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



30.2496, 38.3111, 20.8399



67.9553, 75.5695, 68.2920



30.1899, 29.2085, 19.0861



14.5623, 16.3010, 14.3930



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.



30.2496, 38.3111, 20.8399



51.5904, 67.9416, 30.9969



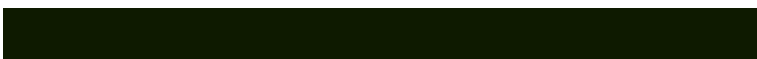
25.3678, 35.7944, 20.6115



8.8114, 9.7078, 9.0619



14.9038, 24.5932, 3.9615



0.5354, 0.8080, 0.1278

Inverse Universe

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



24.5071, 20.1673, 43.6775



39.7087, 30.3886, 78.2680



30.7008, 23.3603, 43.9674



8.4023, 8.4159, 10.6879



8.3208, 3.6253, 30.3982



0.3293, 0.1489, 0.9596

Previews

White Background



This preview shows how the XYZ color 30.2486, 38.3094, 20.8391 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 30.2486, 38.3094, 20.8391 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 30.2486, 38.3094, 20.8391

Background



This preview shows how black text looks on a background with the XYZ color 30.2486, 38.3094, 20.8391.



This preview shows how white text looks on a background with the XYZ color 30.2486, 38.3094,

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

30.2486, 38.3094, 20.8391

Protanopia

35.3461, 38.1577, 19.4122

Deuteranopia

38.7814, 38.0398, 21.5181



Tritanopia

36.0534, 38.4094, 49.2296

Trichromacy



Original Color

30.2486, 38.3094, 20.8391

Protanomaly

33.2299, 38.1570, 19.8010

Deuteranomaly

35.0828, 37.7089, 21.3491

Tritanomaly

33.5126, 38.2015, 37.0598

Monochromacy



Original Color

30.2486, 38.3094, 20.8391

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.0363, 36.1940, 30.8888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2486, 38.3094, 20.8391 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(146, 176, 111)` looks like.

```
.text, #text, p{  
    color:rgb(146, 176, 111)  
}
```

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(146, 176, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 176, 111) }
```

Border

The CSS property to change the border of an element to XYZ 30.2486, 38.3094, 20.8391 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(146, 176, 111) }
```


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

```
.border{ border-color:rgb(146, 176, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 176, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 176, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 176, 111);  
box-shadow:4px 4px 4px 4px rgb(146, 176,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2486, 38.3094, 20.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 176, 111) }
```

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

```
.background{ background-color: rgb(146,  
176, 111) }
```

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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