

Converting Colors

XYZ(33.6111, 30.0797, 21.7567)

Have a look what the booklet for
XYZ(33.6111, 30.0797, 21.7567)
contains.

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Color

**XYZ(33.6802, 30.0408,
21.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8878
RGB	191, 136, 120
RGB Percent	75%, 53%, 47%
CMY	0.2510, 0.4666, 0.5294
CMYK	0.00, 0.29, 0.37, 0.25
HSL	14°, 36%, 61%
HSV	14°, 37%, 75%
XYZ	33.6802, 30.0408, 21.7926
YIQ	150.6210, 37.9160, 6.6840

Conversions

Conversions Part 2

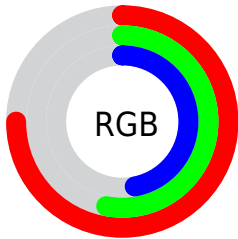
Format	Color
RYB	191, 141, 120
Decimal	12552312
CIELab	61.69, 18.95, 16.96
CIELCh	62, 25.431, 41.822
Yxy	30.0408, 0.3939, 0.3513
Android (android.graphics.Color)	4290742392 (0xFFBF8878)
YUV	150.6210, -15.0962, 35.4124
Hunter-Lab	54.8095, 13.7709, 14.7926

Details

The XYZ color **33.6802, 30.0408, 21.7926** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4790, 38.4131, 54.9928**, and the grayscale version is **29.3053, 30.8314, 33.5754**.

A 20% lighter version of the original color is **64.9268, 59.9452, 47.1783**, and **14.6185, 12.3447, 7.5735** is the 20% darker color. If you saturate the color by 10%, you get **30.6930, 25.7400, 15.6371**, and if you desaturate by 10%, it is **37.1879, 35.0122, 29.2629**.

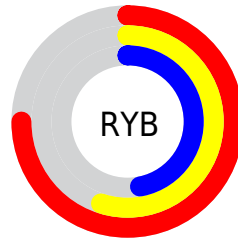
Distribution



Red (75%)

Green (53%)

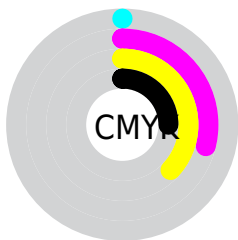
Blue (47%)



Red (75%)

Yellow (55%)

Blue (47%)

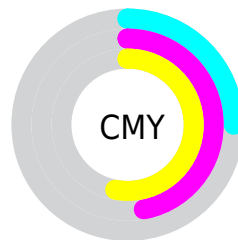


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6802, 30.0408, 21.7926 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 33.6802, 30.0408, 21.7926 by changing the saturation by 10% instead.


 33.6802, 30.0408,
21.7926


 33.6802, 30.0408,
21.7926


310.3148,
302.0946, 274.3793


 22.8098, 19.8696,
13.5077

 64.7836, 59.7267,
47.3008

 14.5730, 12.3003,
7.6443


 85.7474, 80.0101,
65.3611

 8.6046, 6.9485,
3.7837


 110.8062,
104.4331, 87.5171

 4.5392, 3.4299,
1.5074

140.3255,
133.3800, 114.1871

 2.0115, 1.3601,
0.2235

174.6707,
167.2352, 145.7898

 0.6404, 0.1870,
0.0000

214.2070,

 0.0000, 0.0000,

206.3831, 182.7438

0.0000

259.3000,
251.2081, 225.4674

■ 33.6802, 30.0408,
21.7926

■ 33.6802, 30.0408,
21.7926

■ 30.6930, 25.7400,
15.6371

■ 37.1879, 35.0122,
29.2629

■ 28.1983, 22.0766,
10.7180

■ 41.2373, 40.6771,
38.1166

■ 26.1692, 19.0208,
6.9511


■ 45.8516, 47.0625,
48.4198

■ 24.5748, 16.5388,
4.2408


■ 51.0517, 54.1927,
60.2338


■ 23.3804, 14.5932,
2.4762

■ 56.8573, 62.0909,
73.6161


 22.5415, 13.1403,
1.5034

 63.2875, 70.7791,
88.6216

 22.3517, 12.8080,
1.2941

 70.3603, 80.2788,
105.3021

 75.0927, 89.4100,
107.9078

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



35.4051, 30.0408, 29.0390



33.6802, 30.0408, 21.7926



30.6307, 30.0408, 18.0096

Triad

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



33.6802, 30.0408, 21.7926



22.8076, 30.0408, 27.2347



29.9065, 30.0408, 54.5431

Complementary

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



33.6802, 30.0408, 21.7926



32.4790, 38.4131, 54.9928

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.



26.5712, 30.0408, 53.7948



33.6802, 30.0408, 21.7926



22.6472, 30.0408, 36.6766

Square

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



33.6802, 30.0408, 21.7926



24.4310, 30.0408, 20.6973



23.9743, 30.0408, 46.7716



33.1141, 30.0408, 48.6500

Rectangle

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



33.6802, 30.0408, 21.7926



28.3465, 30.0408, 17.3984



23.9743, 30.0408, 46.7716



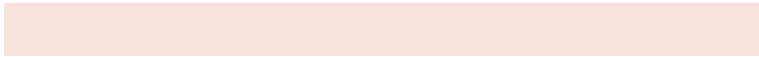
28.7602, 30.0408, 55.0874

Sweetspot

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



33.6810, 30.0422, 21.7932



78.6895, 79.5549, 79.0167



36.0011, 27.6290, 44.3113



17.0295, 17.1237, 16.7930



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.6810, 30.0422, 21.7932



55.6964, 47.1528, 29.4743



39.4170, 41.5143, 23.7052



9.7000, 9.8759, 9.9716



14.7402, 8.5192, 0.8675



0.6280, 0.4349, 0.0508

Inverse Universe

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



32.4790, 38.4131, 54.9928



53.1932, 64.3555, 97.8974



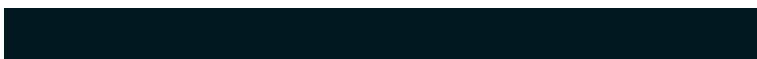
26.5451, 26.5452, 53.0149



9.6212, 10.4348, 12.1792



13.1966, 16.5049, 34.8831



0.5626, 0.7379, 1.3816

Previews

White Background



This preview shows how the XYZ color 33.6802, 30.0408, 21.7926 looks on a white background.

Color Contrast Check

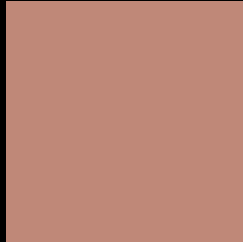
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6802, 30.0408, 21.7926 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 33.6802, 30.0408, 21.7926

Background



This preview shows how black text looks on a background with the XYZ color 33.6802, 30.0408, 21.7926.



This preview shows how white text looks on a background with the XYZ color 33.6802, 30.0408,

21.7926.

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

33.6802, 30.0408, 21.7926

Protanopia

28.4180, 30.1693, 24.0641

Deuteranopia

30.6078, 29.9755, 21.6254



Tritanopia

35.3378, 30.0957, 29.9331

Trichromacy



Original Color

33.6802, 30.0408, 21.7926

Protanomaly

29.9735, 29.8368, 23.2481

Deuteranomaly

31.5302, 29.7914, 21.5412

Tritanomaly

34.6365, 30.0059, 26.8879

Monochromacy



Original Color

33.6802, 30.0408, 21.7926

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.7384, 30.5582, 29.0892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6802, 30.0408, 21.7926 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(191, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(191, 136, 120)  
}
```

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(191, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 136, 120) }
```

Border

The CSS property to change the border of an element to XYZ 33.6802, 30.0408, 21.7926 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(191, 136, 120) }
```


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

```
.border{ border-color:rgb(191, 136, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(191, 136,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6802, 30.0408, 21.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 136, 120) }
```

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

```
.background{ background-color: rgb(191,  
136, 120) }
```

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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