

Converting Colors

XYZ(34.1634, 30.6560, 18.5270)

Have a look what the booklet for
XYZ(34.1634, 30.6560, 18.5270)
contains.

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Color

**XYZ(34.2117, 30.5975,
18.5708)**

Conversions

Conversions Part 1

Format	Color
Hex	C3896D
RGB	195, 137, 109
RGB Percent	76%, 54%, 43%
CMY	0.2353, 0.4627, 0.5725
CMYK	0.00, 0.30, 0.44, 0.24
HSL	20°, 42%, 60%
HSV	20°, 44%, 76%
XYZ	34.2117, 30.5975, 18.5708
YIQ	151.1500, 43.5560, 3.5880

Conversions

Conversions Part 2

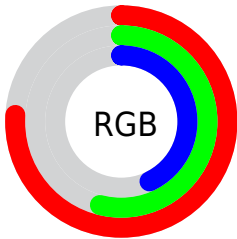
Format	Color
R _Y B	195, 151, 109
Decimal	12814701
CIE Lab	62.17, 18.75, 23.86
CIE LCh	62, 30.340, 51.837
Yxy	30.5975, 0.4103, 0.3670
Android (android.graphics.Color)	4291004781 (0xFFC3896D)
YUV	151.1500, -20.7799, 38.4565
Hunter-Lab	55.3150, 13.5989, 18.8152

Details

The XYZ color **34.2117, 30.5975, 18.5708** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.9753, 34.8277, 56.7724**, and the grayscale version is **29.5534, 31.0925, 33.8597**.

A 20% lighter version of the original color is **65.5718, 60.7175, 41.9818**, and **14.8980, 12.6423, 6.0699** is the 20% darker color. If you saturate the color by 10%, you get **31.5195, 26.7107, 13.0564**, and if you desaturate by 10%, it is **37.3662, 35.0361, 25.3888**.

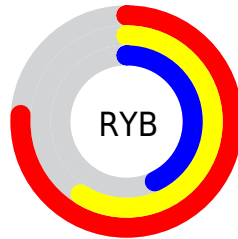
Distribution



Red (76%)

Green (54%)

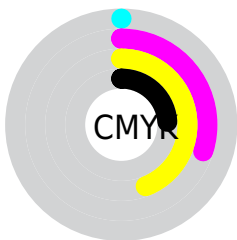
Blue (43%)



Red (76%)

Yellow (59%)

Blue (43%)

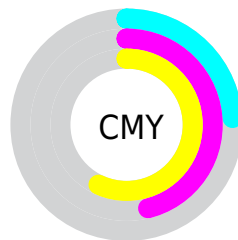


Cyan (0%)

Magenta (30%)

Yellow (44%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2117, 30.5975, 18.5708 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 34.2117, 30.5975, 18.5708 by changing the saturation by 10% instead.


 34.2117, 30.5975,
18.5708


 34.2117, 30.5975,
18.5708


312.6443,
304.6797, 256.4123


 23.2199, 20.2926,
11.1869


 65.6049, 60.6058,
41.8346


 14.8776, 12.6079,
6.0769


 86.7370, 81.0780,
58.5515

 8.8193, 7.1591,
2.8224


 111.9799,
105.7080, 79.2166

 4.6796, 3.5618,
1.0047

 141.6990,
134.8802, 104.2483

 2.0934, 1.4316,
0.0000

176.2596,
168.9791, 134.0652

 0.6856, 0.2398,
0.0000

216.0272,

 0.0000, 0.0000,

208.3891, 169.0857

0.0000

261.3669,
253.4945, 209.7286

■ 34.2117, 30.5975,
18.5708

■ 34.2117, 30.5975,
18.5708

■ 31.5195, 26.7107,
13.0564

■ 37.3662, 35.0361,
25.3888

■ 29.2635, 23.3488,
8.7590

■ 41.0026, 40.0433,
33.5856

■ 27.4184, 20.4889,
5.5843


■ 45.1421, 45.6404,
43.2330


■ 25.9548, 18.1046,
3.4230


■ 49.8038, 51.8465,
54.3970


■ 24.8385, 16.1662,
2.1433


■ 55.0058, 58.6797,
67.1396

 24.3109, 15.2125,
1.6550

 60.7654, 66.1571,
81.5195

 67.0989, 74.2955,
97.5922

 72.3696, 82.4498,
106.7079

 76.3157, 90.3421,
108.0233

Harmonies

Analogous

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



37.0014, 30.5975, 25.6271



34.2117, 30.5975, 18.5708



30.2118, 30.5975, 15.6374

Triad

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



34.2117, 30.5975, 18.5708



21.9776, 30.5975, 30.2218



32.1034, 30.5975, 58.8703

Complementary

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



34.2117, 30.5975, 18.5708



29.9753, 34.8277, 56.7724

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.



27.9807, 30.5975, 60.9204



34.2117, 30.5975, 18.5708



22.3818, 30.5975, 42.4056

Square

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



34.2117, 30.5975, 18.5708



23.3317, 30.5975, 21.2567



24.4925, 30.5975, 54.3233



35.7071, 30.5975, 49.2423

Rectangle

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



34.2117, 30.5975, 18.5708



27.4999, 30.5975, 15.7892



24.4925, 30.5975, 54.3233



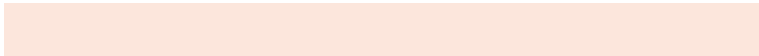
30.7236, 30.5975, 60.5465

Sweetspot

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



34.2125, 30.5990, 18.5714



81.5630, 82.6982, 79.1181



35.0207, 25.3582, 39.9810



17.4745, 17.5908, 16.4119



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.2125, 30.5990, 18.5714



56.5760, 48.0213, 23.6304



41.4331, 45.0403, 20.9783



10.3351, 10.6016, 10.5635



15.8695, 10.0247, 1.0985



0.7493, 0.5605, 0.0687

Inverse Universe

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



29.9753, 34.8277, 56.7724



47.9736, 56.4971, 100.8463



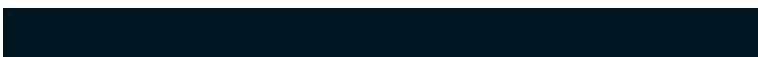
23.4615, 21.8000, 54.6011



10.0832, 10.8576, 12.8491



11.8005, 13.3575, 35.5129



0.5704, 0.6982, 1.5546

Previews

White Background



This preview shows how the XYZ color 34.2117, 30.5975, 18.5708 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 34.2117, 30.5975, 18.5708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

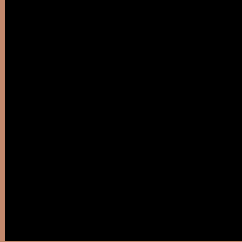
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2117, 30.5975, 18.5708

Background



This preview shows how black text looks on a background with the XYZ color 34.2117, 30.5975, 18.5708.



This preview shows how white text looks on a background with the XYZ color 34.2117, 30.5975,

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

34.2117, 30.5975, 18.5708

Protanopia

28.6988, 30.6276, 20.6188

Deuteranopia

31.2704, 30.6129, 18.4481



Tritanopia

36.4225, 30.4613, 29.5511

Trichromacy



Original Color

34.2117, 30.5975, 18.5708

Protanomaly

30.3396, 30.3273, 19.8775

Deuteranomaly

32.2392, 30.4468, 18.3650

Tritanomaly

35.5803, 30.5322, 25.1371

Monochromacy



Original Color

34.2117, 30.5975, 18.5708

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.6592, 30.5508, 27.5735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2117, 30.5975, 18.5708 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(195, 137, 109)` looks like.

```
.text, #text, p{  
    color:rgb(195, 137, 109)  
}
```

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(195, 137, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 137, 109) }
```

Border

The CSS property to change the border of an element to XYZ 34.2117, 30.5975, 18.5708 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(195, 137, 109) }
```


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

```
.border{ border-color:rgb(195, 137, 109) }
```

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

Here you see how a box with a 4 pixel rgb(195, 137, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 137, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 137, 109);  
box-shadow:4px 4px 4px 4px rgb(195, 137,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2117, 30.5975, 18.5708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 137, 109) }
```

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

```
.background{ background-color: rgb(195,  
137, 109) }
```

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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