

Converting Colors

XYZ(34.2562, 30.2944, 33.9465)

Have a look what the booklet for
XYZ(34.2562, 30.2944, 33.9465)
contains.

XYZ(34.1416, 30.2256, 33.7404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1416, 30.2256,
33.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	B78998
RGB	183, 137, 152
RGB Percent	72%, 54%, 60%
CMY	0.2824, 0.4627, 0.4039
CMYK	0.00, 0.25, 0.17, 0.28
HSL	340°, 24%, 63%
HSV	340°, 25%, 72%
XYZ	34.1416, 30.2256, 33.7404
YIQ	152.4640, 22.6010, 14.4170

Conversions

Conversions Part 2

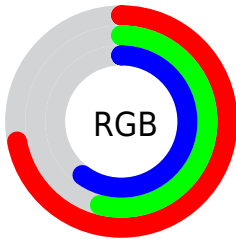
Format	Color
RYB	183, 137, 152
Decimal	12028312
CIELab	61.85, 19.87, -1.12
CIELCh	62, 19.906, 356.778
Yxy	30.2256, 0.3480, 0.3081
Android (android.graphics.Color)	4290218392 (0xFFB78998)
YUV	152.4640, -0.2288, 26.7801
Hunter-Lab	54.9778, 14.6386, 2.0976

Details

The XYZ color **34.1416, 30.2256, 33.7404** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.3192, 42.0133, 43.3484**, and the grayscale version is **30.0404, 31.6048, 34.4177**.

A 20% lighter version of the original color is **65.7066, 60.2431, 66.5575**, and **14.8104, 12.4231, 13.9292** is the 20% darker color. If you saturate the color by 10%, you get **30.7994, 25.0744, 27.8990**, and if you desaturate by 10%, it is **38.0318, 36.3040, 40.2834**.

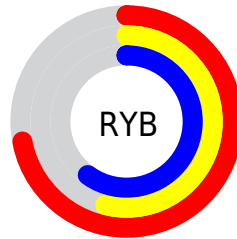
Distribution



Red (72%)

Green (54%)

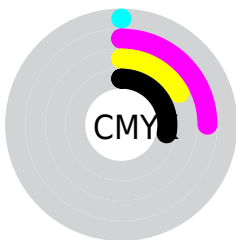
Blue (60%)



Red (72%)

Yellow (54%)

Blue (60%)

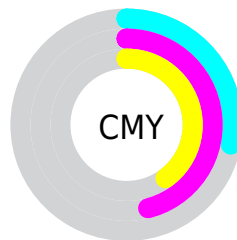


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (28%)



Cyan (28%)


Magenta (46%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1416, 30.2256, 33.7404 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 34.1416, 30.2256, 33.7404 by changing the saturation by 10% instead.


 34.1416, 30.2256,
33.7404


 34.1416, 30.2256,
33.7404


312.3378,
302.9546, 333.7067


 23.1658, 20.0099,
22.4185


 65.4966, 60.0188,
66.6590

 14.8374, 12.4022,
13.9635


 86.6066, 80.3650,
89.0929

 8.7909, 7.0182,
7.9568


 111.8253,
104.8569, 116.0677

 4.6611, 3.4735,
3.9799

141.5181,
133.8788, 148.0022

 2.0825, 1.3837,
1.6143

176.0505,
167.8151, 185.3148

 0.6797, 0.2046,
0.3010

215.7876,

 0.0000, 0.0000,

207.0503, 228.4240

0.0000

261.0949,
251.9686, 277.7485

■ 34.1416, 30.2256,
33.7404

■ 34.1416, 30.2256,
33.7404

■ 30.7994, 25.0744,
27.8990

■ 38.0318, 36.3040,
40.2834

■ 27.9772, 20.8005,
22.7332

■ 42.4911, 43.3480,
47.5492

■ 25.6483, 17.3555,
18.2178

■ 47.5428, 51.3990,
55.5603

■ 23.7824, 14.6847,
14.3253

■ 53.2079, 60.4945,
64.3376

■ 22.3460, 12.7267,
11.0261

■ 59.5064, 70.6705,
73.9012

■ 21.3003, 11.4107,
8.2874

■ 66.4575, 81.9607,
84.2706

■ 20.5988, 10.6501,
6.0727

■ 70.7706, 87.7802,
94.3612

■ 20.3354, 10.3901,
5.1623

■ 72.6491, 88.5316,
104.2532

■ 73.3386, 88.8074,
107.8839

Harmonies

Analogous

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



33.2215, 30.2256, 41.6026



34.1416, 30.2256, 33.7404



33.5391, 30.2256, 26.7444

Triad

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



34.1416, 30.2256, 33.7404



26.4860, 30.2256, 21.4925



26.0173, 30.2256, 46.7426

Complementary

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



34.1416, 30.2256, 33.7404



34.3192, 42.0133, 43.3484

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.



24.4015, 30.2256, 39.9583



34.1416, 30.2256, 33.7404



24.6601, 30.2256, 25.5222

Square

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



34.1416, 30.2256, 33.7404



29.0168, 30.2256, 20.3489



23.9202, 30.2256, 32.0944



28.4421, 30.2256, 49.8018

Rectangle

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



34.1416, 30.2256, 33.7404



32.3741, 30.2256, 23.3519



23.9202, 30.2256, 32.0944



25.3674, 30.2256, 44.7755

Sweetspot

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



34.1425, 30.2270, 33.7410



73.5967, 73.6671, 81.1200



33.5716, 29.6000, 48.7441



15.9853, 15.8438, 17.4786



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.1425, 30.2270, 33.7410



57.8194, 48.9875, 54.6666



34.1194, 32.0239, 28.0515



9.1221, 9.0592, 9.9904



14.2146, 7.2596, 3.7512



0.5304, 0.2676, 0.2863

Inverse Universe

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



34.1425, 30.2270, 33.7410



57.8194, 48.9875, 54.6666



34.2598, 39.5280, 50.6241



9.1221, 9.0592, 9.9904



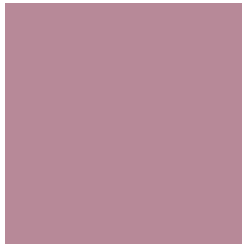
14.2146, 7.2596, 3.7512



0.5304, 0.2676, 0.2863

Previews

White Background



This preview shows how the XYZ color 34.1416, 30.2256, 33.7404 looks on a white background.

Color Contrast Check

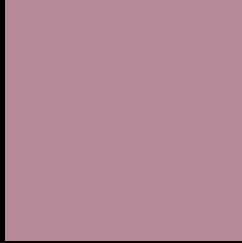
Large Text (above 18pt) WCAG AA × Fail

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 34.1416, 30.2256, 33.7404 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 34.1416, 30.2256, 33.7404

Background



This preview shows how black text looks on a background with the XYZ color 34.1416, 30.2256, 33.7404.



This preview shows how white text looks on a background with the XYZ color 34.1416, 30.2256,

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

34.1416, 30.2256, 33.7404

Protanopia

29.5831, 30.4821, 37.1253

Deuteranopia

31.0212, 30.3777, 33.5066



Tritanopia

33.9622, 30.3824, 32.0914

Trichromacy



Original Color

34.1416, 30.2256, 33.7404

Protanomaly

31.0264, 30.3325, 35.6720

Deuteranomaly

32.0535, 30.2383, 33.4253

Tritanomaly

34.0417, 30.4142, 32.5101

Monochromacy



Original Color

34.1416, 30.2256, 33.7404

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.2055, 30.9210, 34.0294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1416, 30.2256, 33.7404 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(183, 137, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 152)  
}
```

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(183, 137, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.1416, 30.2256, 33.7404 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(183, 137, 152) }
```


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

```
.border{ border-color:rgb(183, 137, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 137, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1416, 30.2256, 33.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 152) }
```

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

```
.background{ background-color: rgb(183,  
137, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor