

Converting Colors

XYZ(34.2258, 34.1028, 20.2089)

Have a look what the booklet for
XYZ(34.2258, 34.1028, 20.2089)
contains.

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Color

**XYZ(34.3234, 34.2666,
20.1343)**

Conversions

Conversions Part 1

Format	Color
Hex	B99970
RGB	185, 153, 112
RGB Percent	73%, 60%, 44%
CMY	0.2745, 0.4000, 0.5608
CMYK	0.00, 0.17, 0.39, 0.27
HSL	34°, 34%, 58%
HSV	34°, 39%, 73%
XYZ	34.3234, 34.2666, 20.1343
YIQ	157.8940, 32.2330, -5.9670

Conversions

Conversions Part 2

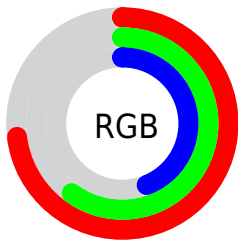
Format	Color
R_{YB}	169, 185, 112
Decimal	12163440
CIE Lab	65.17, 6.17, 26.01
CIE LCh	65, 26.733, 76.653
Yxy	34.2666, 0.3869, 0.3862
Android (android.graphics.Color)	4290353520 (0xFFB99970)
YUV	157.8940, -22.6257, 23.7720
Hunter-Lab	58.5377, 2.2220, 20.5833

Details

The XYZ color **34.3234, 34.2666, 20.1343** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.4119, 26.8930, 49.7503**, and the grayscale version is **32.5411, 34.2358, 37.2828**.

A 20% lighter version of the original color is **65.6316, 66.1832, 44.4374**, and **14.8827, 14.6187, 6.8878** is the 20% darker color. If you saturate the color by 10%, you get **32.1152, 31.3326, 14.8279**, and if you desaturate by 10%, it is **36.8352, 37.4688, 26.5868**.

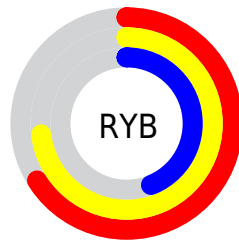
Distribution



Red (73%)

Green (60%)

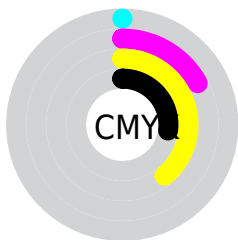
Blue (44%)



Red (66%)

Yellow (73%)

Blue (44%)

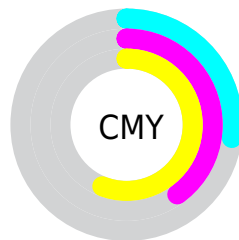


Cyan (0%)

Magenta (17%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3234, 34.2666, 20.1343 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 34.3234, 34.2666, 20.1343 by changing the saturation by 10% instead.


 34.3234, 34.2666,
20.1343


 34.3234, 34.2666,
20.1343


313.1323,
321.3192, 265.2695


 23.3062, 23.0985,
12.3077


 65.7772, 66.3480,
44.5042


 14.9417, 14.6662,
6.8285


 86.9446, 88.0302,
61.8845

 8.8645, 8.5855,
3.2783


 112.2260,
113.9857, 83.2864

 4.7093, 4.4718,
1.2384

 141.9869,
144.5991, 109.1285

 2.1107, 1.9408,
0.0105

176.5927,
180.2548, 139.8293

 0.6950, 0.5728,
0.0000

216.4086,

 0.0000, 0.0000,

221.3371, 175.8074

0.0000

261.8000,
268.2304, 217.4813

■ 34.3234, 34.2666,
20.1343

■ 34.3234, 34.2666,
20.1343

■ 32.1152, 31.3326,
14.8279

■ 36.8352, 37.4688,
26.5868

■ 30.1931, 28.6534,
10.5962

■ 39.6617, 40.9428,
34.2467

■ 28.5418, 26.2209,
7.3628

■ 42.8165, 44.6978,
43.1736

■ 27.1428, 24.0249,
5.0405

■ 46.3115, 48.7413,
53.4222

■ 25.9747, 22.0537,
3.5266

■ 50.1580, 53.0803,
65.0444

■ 24.9990, 20.2885,
2.6272

■ 54.3668, 57.7217,
78.0889

■ 24.9493, 20.1978,
2.5836

■ 58.9481, 62.6719,
92.6022

■ 63.0959, 67.6110,
104.3325

■ 65.2487, 71.9166,
105.0501

Harmonies

Analogous

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



37.9673, 34.2666, 23.8222



34.3234, 34.2666, 20.1343



30.4765, 34.2666, 20.3466

Triad

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



34.3234, 34.2666, 20.1343



25.9278, 34.2666, 43.7790



38.3055, 34.2666, 53.9949

Complementary

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



34.3234, 34.2666, 20.1343



25.4119, 26.8930, 49.7503

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.



34.7559, 34.2666, 61.7716



34.3234, 34.2666, 20.1343



27.7090, 34.2666, 55.1183

Square

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



34.3234, 34.2666, 20.1343



25.8322, 34.2666, 32.5891



30.8761, 34.2666, 62.2194



40.3866, 34.2666, 42.4672

Rectangle

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



34.3234, 34.2666, 20.1343



28.3130, 34.2666, 22.6519



30.8761, 34.2666, 62.2194



37.2323, 34.2666, 57.2264

Sweetspot

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



34.3243, 34.2682, 20.1350



75.0778, 78.1617, 72.7157



30.9012, 23.9426, 29.7205



16.0257, 16.6611, 15.2219



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.



34.3243, 34.2682, 20.1350



58.1501, 56.9728, 28.0247



39.4118, 45.7338, 22.0799



9.4118, 9.8265, 9.5076



17.0619, 13.9001, 1.7837



0.6620, 0.6110, 0.0830

Inverse Universe

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



25.4119, 26.8930, 49.7503



40.0497, 42.0038, 88.2013



21.7075, 18.7806, 48.3797



8.8363, 9.3498, 11.4184



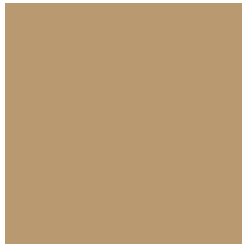
8.0405, 6.5408, 32.0918



0.3453, 0.3542, 1.1519

Previews

White Background



This preview shows how the XYZ color 34.3234, 34.2666, 20.1343 looks on a white background.

Color Contrast Check

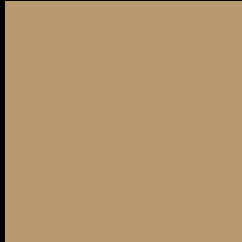
Large Text (above 18pt) WCAG AA × Fail

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 34.3234, 34.2666, 20.1343 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 34.3234, 34.2666, 20.1343

Background



This preview shows how black text looks on a background with the XYZ color 34.3234, 34.2666, 20.1343.



This preview shows how white text looks on a background with the XYZ color 34.3234, 34.2666,

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

34.3234, 34.2666, 20.1343

Protanopia

31.8417, 34.2147, 20.8454

Deuteranopia

34.8919, 34.3177, 20.1142



Tritanopia

37.8405, 34.2832, 36.9707

Trichromacy



Original Color

34.3234, 34.2666, 20.1343

Protanomaly

32.5483, 34.0831, 20.4860

Deuteranomaly

34.6464, 34.1911, 20.1027

Tritanomaly

36.2942, 34.1093, 29.8702

Monochromacy



Original Color

34.3234, 34.2666, 20.1343

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8446, 34.0249, 30.0357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3234, 34.2666, 20.1343 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(185, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(185, 153, 112)  
}
```

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(185, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 153, 112) }
```

Border

The CSS property to change the border of an element to XYZ 34.3234, 34.2666, 20.1343 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(185, 153, 112) }
```


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

```
.border{ border-color:rgb(185, 153, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 153, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 153, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 153, 112);  
box-shadow:4px 4px 4px 4px rgb(185, 153,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3234, 34.2666, 20.1343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 153, 112) }
```

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

```
.background{ background-color: rgb(185,  
153, 112) }
```

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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