

Converting Colors

XYZ(33.7054, 34.8440, 24.3346)

Have a look what the booklet for
XYZ(33.7054, 34.8440, 24.3346)
contains.

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Color

**XYZ(33.6631, 34.8247,
24.3496)**

Conversions

Conversions Part 1

Format	Color
Hex	B09D7D
RGB	176, 157, 125
RGB Percent	69%, 62%, 49%
CMY	0.3098, 0.3843, 0.5098
CMYK	0.00, 0.11, 0.29, 0.31
HSL	38°, 24%, 59%
HSV	38°, 29%, 69%
XYZ	33.6631, 34.8247, 24.3496
YIQ	159.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

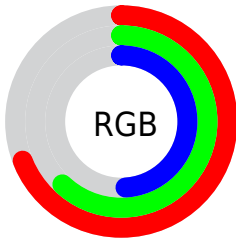
Format	Color
RYB	155, 176, 125
Decimal	11574653
CIELab	65.61, 1.98, 19.31
CIELCh	66, 19.415, 84.134
Yxy	34.8247, 0.3626, 0.3751
Android (android.graphics.Color)	4289764733 (0xFFB09D7D)
YUV	159.0330, -16.7783, 14.8801
Hunter-Lab	59.0125, -1.4482, 16.8446

Details

The XYZ color **33.6631, 34.8247, 24.3496** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.2669, 27.4402, 44.9864**, and the grayscale version is **33.0379, 34.7584, 37.8519**.

A 20% lighter version of the original color is **64.6089, 66.9587, 51.6385**, and **14.6269, 15.0408, 8.9697** is the 20% darker color. If you saturate the color by 10%, you get **31.5577, 32.2564, 18.5837**, and if you desaturate by 10%, it is **36.0291, 37.5949, 31.1861**.

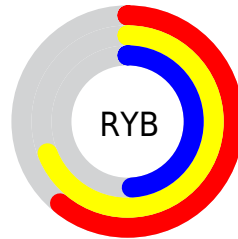
Distribution



Red (69%)

Green (62%)

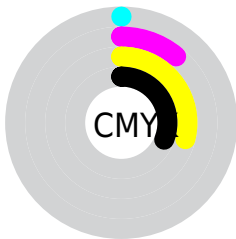
Blue (49%)



Red (61%)

Yellow (69%)

Blue (49%)

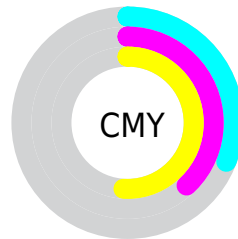


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6631, 34.8247, 24.3496 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 33.6631, 34.8247, 24.3496 by changing the saturation by 10% instead.

■ 33.6631, 34.8247,
24.3496

■ 33.6631, 34.8247,
24.3496

310.2396,
323.7939, 287.9265

■ 22.7966, 23.5279,
15.3786

■ 64.7572, 67.2141,
51.5511

■ 14.5632, 14.9838,
8.9359

■ 85.7155, 89.0755,
70.6186

■ 8.5977, 8.8080,
4.6032

■ 110.7684,
115.2272, 93.8886

■ 4.5347, 4.6162,
1.9617

140.2812,
146.0535, 121.7798

■ 2.0089, 2.0239,
0.5316

174.6194,
181.9390, 154.7107

■ 0.6389, 0.6213,
0.0000

214.1483,

■ 0.0000, 0.0000,

223.2679, 193.0997

0.0000

259.2333,
270.4248, 237.3654

■ 33.6631, 34.8247,
24.3496

■ 33.6631, 34.8247,
24.3496

■ 31.5577, 32.2564,
18.5837

■ 36.0291, 37.5949,
31.1861

■ 29.6987, 29.8792,
13.8305

■ 38.6637, 40.5680,
39.1427

■ 28.0746, 27.6882,
10.0300

■ 41.5777, 43.7509,
48.2683

■ 26.6717, 25.6764,
7.1148

■ 44.7805, 47.1489,
58.6084

■ 25.4746, 23.8360,
5.0085

■ 48.2812, 50.7668,
70.2059

■ 24.4653, 22.1582,
3.6217

■ 52.0882, 54.6094,
83.1017

■ 23.6115, 20.6283,
2.7889

■ 56.2097, 58.6812,
97.3348

■ 23.5286, 20.4783,
2.7126

■ 58.8651, 62.2714,
103.5248

■ 60.5114, 65.5638,
104.0735

Harmonies

Analogous

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



36.4158, 34.8247, 26.5677



33.6631, 34.8247, 24.3496



30.9092, 34.8247, 25.3223

Triad

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



33.6631, 34.8247, 24.3496



28.3460, 34.8247, 44.7047



37.7428, 34.8247, 47.8776

Complementary

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



33.6631, 34.8247, 24.3496



26.2669, 27.4402, 44.9864

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.



35.3916, 34.8247, 54.1213



33.6631, 34.8247, 24.3496



29.9916, 34.8247, 52.1132

Square

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



33.6631, 34.8247, 24.3496



27.9419, 34.8247, 36.3366



32.5429, 34.8247, 55.7729



38.8565, 34.8247, 39.5450

Rectangle

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



33.6631, 34.8247, 24.3496



29.4283, 34.8247, 27.7319



32.5429, 34.8247, 55.7729



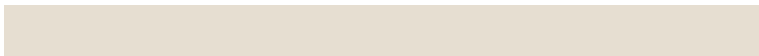
37.0647, 34.8247, 50.3356

Sweetspot

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



33.6640, 34.8263, 24.3503



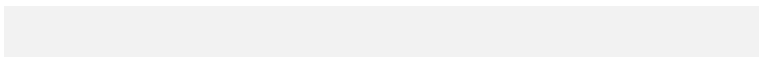
70.0323, 73.4760, 70.7122



30.3145, 25.9282, 30.0137



15.0232, 15.7521, 14.8522



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.



33.6640, 34.8263, 24.3503



58.4691, 60.0308, 37.0125



35.8155, 41.0830, 25.4446



8.9257, 9.3640, 8.9895



17.3208, 15.1402, 2.0095



0.5987, 0.5837, 0.0811

Inverse Universe

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



26.2669, 27.4402, 44.9864



42.7781, 44.3689, 80.8047



24.5228, 22.6235, 44.1486



8.2926, 8.7315, 10.7546



7.2123, 5.2250, 30.7654



0.2840, 0.2785, 0.9870

Previews

White Background



This preview shows how the XYZ color 33.6631, 34.8247, 24.3496 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 33.6631, 34.8247, 24.3496 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

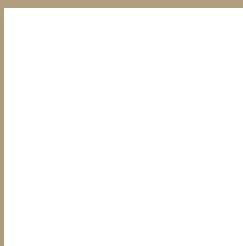
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6631, 34.8247, 24.3496

Background



This preview shows how black text looks on a background with the XYZ color 33.6631, 34.8247, 24.3496.



This preview shows how white text looks on a background with the XYZ color 33.6631, 34.8247,

24.3496.

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

33.6631, 34.8247, 24.3496

Protanopia

32.7416, 34.8487, 24.7395

Deuteranopia

35.4068, 34.7279, 24.5757



Tritanopia

36.9851, 34.9606, 39.9207

Trichromacy



Original Color

33.6631, 34.8247, 24.3496

Protanomaly

33.0060, 34.7307, 24.7028

Deuteranomaly

34.6129, 34.5626, 24.5856

Tritanomaly

35.6510, 34.8969, 33.7109

Monochromacy



Original Color

33.6631, 34.8247, 24.3496

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0104, 34.5596, 32.5346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6631, 34.8247, 24.3496 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(176, 157, 125)` looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 125)  
}
```

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(176, 157, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 125) }
```

Border

The CSS property to change the border of an element to XYZ 33.6631, 34.8247, 24.3496 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(176, 157, 125) }
```


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

```
.border{ border-color:rgb(176, 157, 125) }
```

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

Here you see how a box with a 4 pixel rgb(176, 157, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 125);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6631, 34.8247, 24.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 125) }
```

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

```
.background{ background-color: rgb(176,  
157, 125) }
```

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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