

Converting Colors

XYZ(33.9329, 34.5437, 25.5486)

Have a look what the booklet for
XYZ(33.9329, 34.5437, 25.5486)
contains.

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Color

**XYZ(33.8153, 34.3748,
25.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	B19B81
RGB	177, 155, 129
RGB Percent	69%, 61%, 51%
CMY	0.3059, 0.3921, 0.4941
CMYK	0.00, 0.12, 0.27, 0.31
HSL	33°, 24%, 60%
HSV	33°, 27%, 69%
XYZ	33.8153, 34.3748, 25.6216
YIQ	158.6140, 21.4580, -3.4220

Conversions

Conversions Part 2

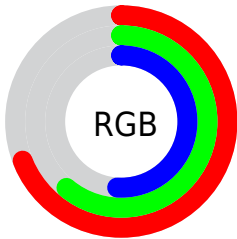
Format	Color
R_{YB}	170, 177, 129
Decimal	11639681
CIE _{Lab}	65.26, 4.04, 16.63
CIE _{LCh}	65, 17.110, 76.349
Yxy	34.3748, 0.3605, 0.3664
Android (android.graphics.Color)	4289829761 (0xFFB19B81)
YUV	158.6140, -14.5997, 16.1245
Hunter-Lab	58.6300, 0.3486, 15.1310

Details

The XYZ color **33.8153, 34.3748, 25.6216** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0555, 29.9739, 45.9021**, and the grayscale version is **32.8368, 34.5469, 37.6216**.

A 20% lighter version of the original color is **64.8482, 66.3020, 53.6357**, and **14.7105, 14.7649, 9.6640** is the 20% darker color. If you saturate the color by 10%, you get **31.4346, 31.3358, 19.5177**, and if you desaturate by 10%, it is **36.4924, 37.6799, 32.8306**.

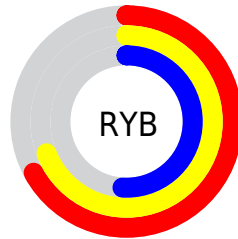
Distribution



Red (69%)

Green (61%)

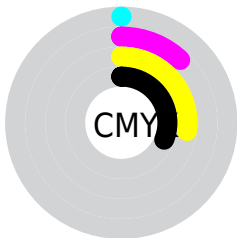
Blue (51%)



Red (67%)

Yellow (69%)

Blue (51%)

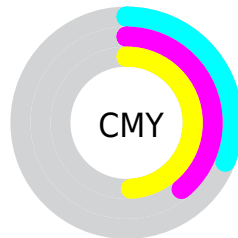


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8153, 34.3748, 25.6216 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 33.8153, 34.3748, 25.6216 by changing the saturation by 10% instead.


 33.8153, 34.3748,
25.6216


 33.8153, 34.3748,
25.6216


310.9081,
321.8001, 294.4657


 22.9140, 23.1817,
16.3175


 64.9925, 66.5161,
53.6404

 14.6503, 14.7277,
9.5924


 85.9992, 88.2330,
73.1923

 8.6591, 8.6285,
5.0275


 111.1049,
114.2267, 96.9972

 4.5748, 4.4997,
2.2044

140.6751,
144.8816, 125.4736

 2.0322, 1.9568,
0.6769

175.0752,
180.5819, 159.0401

 0.6519, 0.5822,
0.0000

214.6705,

 0.0000, 0.0000,

221.7122, 198.1153

0.0000

259.8264,
268.6568, 243.1176

■ 33.8153, 34.3748,
25.6216

■ 33.8153, 34.3748,
25.6216

■ 31.4346, 31.3358,
19.5177

■ 36.4924, 37.6799,
32.8306

■ 29.3352, 28.5504,
14.4607

■ 39.4745, 41.2536,
41.1945

■ 27.5048, 26.0119,
10.3906

■ 42.7735, 45.1046,
50.7626

■ 25.9289, 23.7116,
7.2401

■ 46.3995, 49.2396,
61.5807

■ 24.5912, 21.6399,
4.9333

■ 50.3622, 53.6649,
73.6922

■ 23.4731, 19.7860,
3.3821

■ 54.6710, 58.3867,
87.1383

■ 22.5484, 18.1361,
2.4587

■ 59.3347, 63.4112,
101.9586

■ 22.3043, 17.6926,
2.2395

■ 61.7469, 67.6979,
104.4203

■ 63.9264, 72.0568,
105.1468

Harmonies

Analogous

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



36.0900, 34.3748, 28.3571



33.8153, 34.3748, 25.6216



31.3428, 34.3748, 25.7517

Triad

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



33.8153, 34.3748, 25.6216



28.2897, 34.3748, 41.4227



36.2607, 34.3748, 47.7141

Complementary

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



33.8153, 34.3748, 25.6216



28.0555, 29.9739, 45.9021

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.



34.0387, 34.3748, 52.1890



33.8153, 34.3748, 25.6216



29.4773, 34.3748, 48.2531

Square

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



33.8153, 34.3748, 25.6216



28.2367, 34.3748, 34.2844



31.5552, 34.3748, 52.3979



37.5495, 34.3748, 40.7587

Rectangle

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



33.8153, 34.3748, 25.6216



29.9156, 34.3748, 27.4344



31.5552, 34.3748, 52.3979



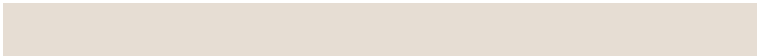
35.5932, 34.3748, 49.5949

Sweetspot

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



33.8162, 34.3764, 25.6223



70.1276, 73.2091, 72.1547



31.6005, 27.2954, 33.0522



15.0206, 15.6552, 15.1345



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.



33.8162, 34.3764, 25.6223



57.7550, 58.0036, 38.6211



37.4540, 42.1899, 26.9387



8.8650, 9.2425, 8.9693



16.2215, 12.9415, 1.6430



0.5679, 0.5222, 0.0709

Inverse Universe

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



28.0555, 29.9739, 45.9021



45.5786, 48.7002, 81.4931



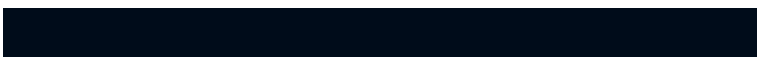
25.0847, 23.6687, 44.8416



8.3521, 8.8504, 10.7744



7.9470, 6.6944, 31.0103



0.3086, 0.3277, 0.9952

Previews

White Background



This preview shows how the XYZ color 33.8153, 34.3748, 25.6216 looks on a white background.

Color Contrast Check

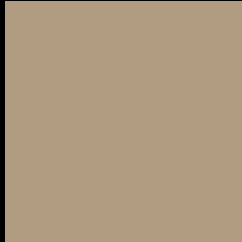
Large Text (above 18pt) WCAG AA × Fail

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 33.8153, 34.3748, 25.6216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

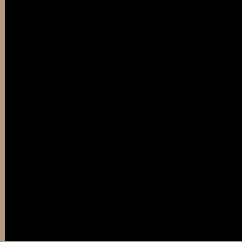
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8153, 34.3748, 25.6216

Background



This preview shows how black text looks on a background with the XYZ color 33.8153, 34.3748, 25.6216.



This preview shows how white text looks on a background with the XYZ color 33.8153, 34.3748,

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

33.8153, 34.3748, 25.6216

Protanopia

32.4720, 34.4172, 26.4045

Deuteranopia

35.0247, 34.2585, 25.8857



Tritanopia

36.4840, 34.2451, 38.8695

Trichromacy



Original Color

33.8153, 34.3748, 25.6216

Protanomaly

32.8808, 34.3836, 26.0228

Deuteranomaly

34.4766, 34.2179, 25.9067

Tritanomaly

35.5556, 34.3618, 33.6127

Monochromacy



Original Color

33.8153, 34.3748, 25.6216

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2980, 34.6988, 32.9595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8153, 34.3748, 25.6216 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(177, 155, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 155, 129)  
}
```

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(177, 155, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 155, 129) }
```

Border

The CSS property to change the border of an element to XYZ 33.8153, 34.3748, 25.6216 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(177, 155, 129) }
```


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

```
.border{ border-color:rgb(177, 155, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 155, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 155, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 155, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 155,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8153, 34.3748, 25.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 155, 129) }
```

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

```
.background{ background-color: rgb(177,  
155, 129) }
```

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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