

Converting Colors

XYZ(33.8635, 34.6492, 25.9422)

Have a look what the booklet for
XYZ(33.8635, 34.6492, 25.9422)
contains.

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Color

**XYZ(33.8222, 34.6187,
26.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	B09C82
RGB	176, 156, 130
RGB Percent	69%, 61%, 51%
CMY	0.3098, 0.3882, 0.4902
CMYK	0.00, 0.11, 0.26, 0.31
HSL	34°, 23%, 60%
HSV	34°, 26%, 69%
XYZ	33.8222, 34.6187, 26.0186
YIQ	159.0160, 20.2660, -3.8460

Conversions

Conversions Part 2

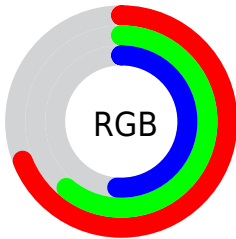
Format	Color
RYB	165, 176, 130
Decimal	11574402
CIELab	65.45, 3.24, 16.32
CIELCh	65, 16.640, 78.788
Yxy	34.6187, 0.3581, 0.3665
Android (android.graphics.Color)	4289764482 (0xFFB09C82)
YUV	159.0160, -14.3049, 14.8950
Hunter-Lab	58.8377, -0.3571, 14.9677

Details

The XYZ color **33.8222, 34.6187, 26.0186** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9486, 29.6924, 45.3326**, and the grayscale version is **33.0195, 34.7391, 37.8309**.

A 20% lighter version of the original color is **64.8725, 66.6679, 54.2488**, and **14.7052, 14.9082, 9.8871** is the 20% darker color. If you saturate the color by 10%, you get **31.4970, 31.6998, 19.9053**, and if you desaturate by 10%, it is **36.4322, 37.7833, 33.2246**.

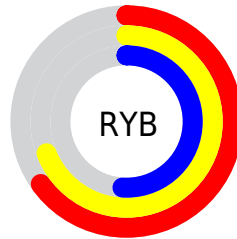
Distribution



Red (69%)

Green (61%)

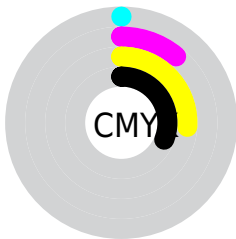
Blue (51%)



Red (65%)

Yellow (69%)

Blue (51%)

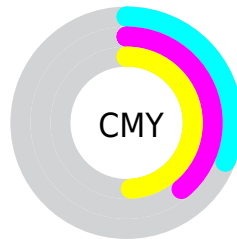


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8222, 34.6187, 26.0186 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 33.8222, 34.6187, 26.0186 by changing the saturation by 10% instead.


 33.8222, 34.6187,
26.0186


 33.8222, 34.6187,
26.0186


310.9384,
322.8821, 296.4818


 22.9193, 23.3693,
16.6117


 65.0032, 66.8946,
54.2894

 14.6543, 14.8664,
9.7990


 86.0120, 88.6900,
73.9904

 8.6618, 8.7257,
5.1620


 111.1202,
114.7694, 97.9597

 4.5766, 4.5627,
2.2822

140.6930,
145.5174, 126.6160

 2.0332, 1.9930,
0.7212

175.0959,
181.3182, 160.3779

 0.6525, 0.6034,
0.0000

214.6942,

 0.0000, 0.0000,

222.5564, 199.6637

0.0000

259.8532,
269.6162, 244.8922

■ 33.8222, 34.6187,
26.0186

■ 33.8222, 34.6187,
26.0186

■ 31.4970, 31.6998,
19.9053

■ 36.4322, 37.7833,
33.2246

■ 29.4422, 29.0150,
14.8279

■ 39.3352, 41.1956,
41.5719

■ 27.6459, 26.5581,
10.7276

■ 42.5426, 44.8636,
51.1088

■ 26.0942, 24.3212,
7.5391

■ 46.0641, 48.7934,
61.8802

■ 24.7716, 22.2954,
5.1885

■ 49.9090, 52.9909,
73.9285

■ 23.6603, 20.4711,
3.5905

■ 54.0863, 57.4616,
87.2943

■ 22.7374, 18.8362,
2.6327

■ 58.6044, 62.2111,
102.0161

■ 22.4132, 18.2474,
2.3408

■ 60.8218, 66.1846,
104.1770

■ 62.8424, 70.2258,
104.8505

Harmonies

Analogous

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



36.0839, 34.6187, 28.4856



33.8222, 34.6187, 26.0186



31.4201, 34.6187, 26.3781

Triad

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



33.8222, 34.6187, 26.0186



28.6704, 34.6187, 42.1762



36.5507, 34.6187, 47.2294

Complementary

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



33.8222, 34.6187, 26.0186



27.9486, 29.6924, 45.3326

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.



34.4340, 34.6187, 51.8558



33.8222, 34.6187, 26.0186



29.9167, 34.6187, 48.6993

Square

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



33.8222, 34.6187, 26.0186



28.5247, 34.6187, 35.1480



32.0026, 34.6187, 52.4247



37.7102, 34.6187, 40.3598

Rectangle

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



33.8222, 34.6187, 26.0186



30.0593, 34.6187, 28.1843



32.0026, 34.6187, 52.4247



35.9229, 34.6187, 49.1329

Sweetspot

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



33.8231, 34.6203, 26.0193



70.2420, 73.4379, 72.1929



31.4490, 27.4204, 32.7861



15.0497, 15.7132, 15.1442



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.



33.8231, 34.6203, 26.0193



59.0003, 59.8719, 40.9550



36.9436, 41.6268, 27.2072



8.8816, 9.2757, 8.9748



16.5039, 13.5064, 1.7372



0.5760, 0.5384, 0.0736

Inverse Universe

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



27.9486, 29.6924, 45.3326



46.6416, 49.5069, 81.5928



25.3822, 24.0301, 44.3749



8.3357, 8.8176, 10.7690



7.7279, 6.2562, 30.9372



0.3016, 0.3137, 0.9929

Previews

White Background



This preview shows how the XYZ color 33.8222, 34.6187, 26.0186 looks on a white background.

Color Contrast Check

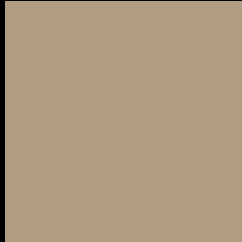
Large Text (above 18pt) WCAG AA × Fail

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 33.8222, 34.6187, 26.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

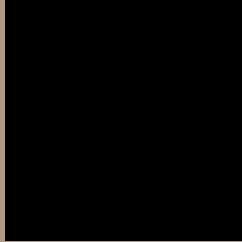
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8222, 34.6187, 26.0186

Background



This preview shows how black text looks on a background with the XYZ color 33.8222, 34.6187, 26.0186.



This preview shows how white text looks on a background with the XYZ color 33.8222, 34.6187,

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

33.8222, 34.6187, 26.0186

Protanopia

32.6433, 34.7598, 26.4616

Deuteranopia

35.2551, 34.6115, 26.2953



Tritanopia

36.4999, 34.4809, 39.3821

Trichromacy



Original Color

33.8222, 34.6187, 26.0186

Protanomaly

33.1182, 34.7503, 26.4347

Deuteranomaly

34.7084, 34.5737, 26.3168

Tritanomaly

35.5676, 34.6005, 34.0821

Monochromacy



Original Color

33.8222, 34.6187, 26.0186

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0892, 34.5912, 32.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8222, 34.6187, 26.0186 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, 156, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 156, 130)  
}
```

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, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 156, 130) }
```

Border

The CSS property to change the border of an element to XYZ 33.8222, 34.6187, 26.0186 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, 156, 130) }
```


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

```
.border{ border-color:rgb(176, 156, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 156, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 156,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8222, 34.6187, 26.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 156, 130) }
```

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

```
.background{ background-color: rgb(176,  
156, 130) }
```

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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