

Converting Colors

XYZ(33.6034, 34.7269, 18.8698)

Have a look what the booklet for
XYZ(33.6034, 34.7269, 18.8698)
contains.

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Color

**XYZ(33.5984, 34.6622,
18.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	B59C6B
RGB	181, 156, 107
RGB Percent	71%, 61%, 42%
CMY	0.2902, 0.3882, 0.5804
CMYK	0.00, 0.14, 0.41, 0.29
HSL	40°, 33%, 56%
HSV	40°, 41%, 71%
XYZ	33.5984, 34.6622, 18.8296
YIQ	157.8890, 30.6290, -9.9390

Conversions

Conversions Part 2

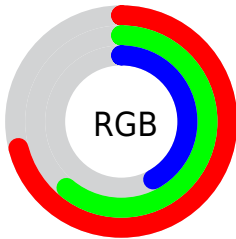
Format	Color
RYB	145, 181, 107
Decimal	11902059
CIELab	65.48, 2.31, 29.06
CIElCh	65, 29.155, 85.465
Yxy	34.6622, 0.3858, 0.3980
Android (android.graphics.Color)	4290092139 (0xFFB59C6B)
YUV	157.8890, -25.0883, 20.2683
Hunter-Lab	58.8746, -1.1647, 22.2498

Details

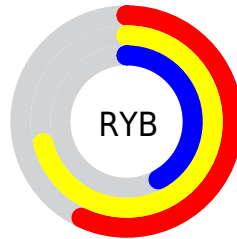
The XYZ color **33.5984, 34.6622, 18.8296** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6550, 22.9639, 46.9546**, and the grayscale version is **32.5502, 34.2453, 37.2932**.

A 20% lighter version of the original color is **64.5645, 66.7735, 42.2866**, and **14.5934, 14.9309, 6.2505** is the 20% darker color. If you saturate the color by 10%, you get **31.7440, 32.3212, 13.9951**, and if you desaturate by 10%, it is **35.7055, 37.1895, 24.7325**.

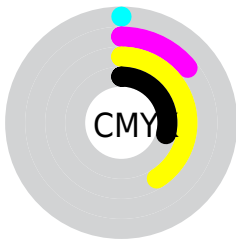
Distribution



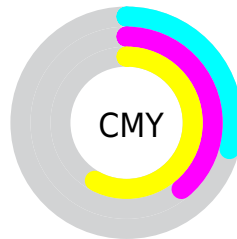
- Red (71%)
- Green (61%)
- Blue (42%)



- Red (57%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5984, 34.6622, 18.8296 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 33.5984, 34.6622, 18.8296 by changing the saturation by 10% instead.

■ 33.5984, 34.6622,
18.8296

■ 33.5984, 34.6622,
18.8296

309.9551,
323.0748, 257.8977

■ 22.7467, 23.4028,
11.3717

■ 64.6571, 66.9621,
42.2788

■ 14.5262, 14.8912,
6.2001

■ 85.5948, 88.7714,
59.1072

■ 8.5717, 8.7431,
2.8964

■ 110.6252,
114.8661, 79.8961

■ 4.5178, 4.5740,
1.0420

■ 140.1136,
145.6307, 105.0641

■ 1.9990, 1.9995,
0.0000

174.4255,
181.4494, 135.0297

■ 0.6334, 0.6072,
0.0000

213.9261,

■ 0.0000, 0.0000,

222.7067, 170.2115

0.0000

258.9809,
269.7871, 211.0280

■ 33.5984, 34.6622,
18.8296

■ 33.5984, 34.6622,
18.8296

■ 31.7440, 32.3212,
13.9951

■ 35.7055, 37.1895,
24.7325

■ 30.1265, 30.1551,
10.1606

■ 38.0749, 39.9042,
31.7623

■ 28.7320, 28.1584,
7.2531

■ 40.7188, 42.8138,
39.9757

■ 27.5438, 26.3232,
5.1884

■ 43.6478, 45.9234,
49.4248

■ 26.5422, 24.6403,
3.8672

■ 46.8719, 49.2383,
60.1588

■ 25.7559, 23.2233,
3.1251

■ 50.4004, 52.7633,
72.2241

■ 54.2425, 56.5030,
85.6648

■ 58.4066, 60.4620,
100.5229

■ 60.4078, 63.6472,
103.7090

Harmonies

Analogous

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



37.8189, 34.6622, 21.5056



33.5984, 34.6622, 18.8296



29.5423, 34.6622, 20.2537

Triad

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



33.5984, 34.6622, 18.8296



26.0793, 34.6622, 48.7720



40.1767, 34.6622, 52.6905

Complementary

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



33.5984, 34.6622, 18.8296



22.6550, 22.9639, 46.9546

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.



36.6003, 34.6622, 63.1783



33.5984, 34.6622, 18.8296



28.5096, 34.6622, 60.5949

Square

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



33.5984, 34.6622, 18.8296



25.4248, 34.6622, 35.9136



32.3009, 34.6622, 66.3442



41.8195, 34.6622, 39.6299

Rectangle

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



33.5984, 34.6622, 18.8296



27.4364, 34.6622, 23.5440



32.3009, 34.6622, 66.3442



39.1465, 34.6622, 56.7356

Sweetspot

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



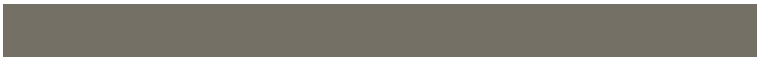
33.5993, 34.6638, 18.8303



72.2738, 75.9717, 69.5330



28.5408, 22.0303, 24.9025



15.4864, 16.2738, 14.6055



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.5993, 34.6638, 18.8303



57.1859, 58.3179, 25.8993



35.7339, 42.6443, 20.2582



8.9505, 9.4134, 8.9978



17.8216, 16.1417, 2.1764



0.6120, 0.6105, 0.0856

Inverse Universe

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



22.6550, 22.9639, 46.9546



34.9426, 34.5592, 83.1235



21.0834, 17.7106, 46.0234



8.2688, 8.6838, 10.7467



6.9636, 4.7275, 30.6825



0.2744, 0.2593, 0.9838

Previews

White Background



This preview shows how the XYZ color 33.5984, 34.6622, 18.8296 looks on a white background.

Color Contrast Check

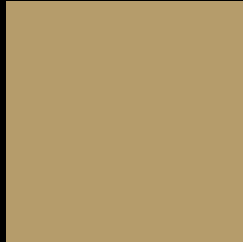
Large Text (above 18pt) WCAG AA × Fail

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 33.5984, 34.6622, 18.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

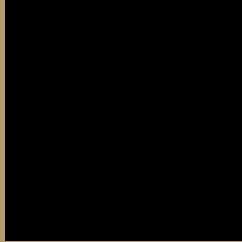
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5984, 34.6622, 18.8296

Background



This preview shows how black text looks on a background with the XYZ color 33.5984, 34.6622, 18.8296.



This preview shows how white text looks on a background with the XYZ color 33.5984, 34.6622,

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

33.5984, 34.6622, 18.8296

Protanopia

32.1182, 34.6496, 19.1826

Deuteranopia

35.1702, 34.4863, 18.9902



Tritanopia

37.6740, 34.6329, 38.4174

Trichromacy



Original Color

33.5984, 34.6622, 18.8296

Protanomaly

32.6128, 34.6504, 19.1567

Deuteranomaly

34.5915, 34.4300, 19.0098

Tritanomaly

36.0435, 34.6938, 29.9962

Monochromacy



Original Color

33.5984, 34.6622, 18.8296

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4431, 34.0850, 29.2952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5984, 34.6622, 18.8296 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(181, 156, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 107)  
}
```

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(181, 156, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 107) }
```

Border

The CSS property to change the border of an element to XYZ 33.5984, 34.6622, 18.8296 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(181, 156, 107) }
```


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

```
.border{ border-color:rgb(181, 156, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 156, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 156, 107); box-shadow:4px 4px 4px 4px rgb(181, 156, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5984, 34.6622, 18.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 107) }
```

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

```
.background{ background-color: rgb(181,  
156, 107) }
```

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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