

Converting Colors

XYZ(33.1960, 33.9959, 17.1242)

Have a look what the booklet for
XYZ(33.1960, 33.9959, 17.1242)
contains.

XYZ(33.1960, 33.9959, 17.1242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.1960, 33.9959,
17.1242)**

Conversions

Conversions Part 1

Format	Color
Hex	B69A65
RGB	182, 154, 101
RGB Percent	71%, 60%, 40%
CMY	0.2863, 0.3961, 0.6039
CMYK	0.00, 0.15, 0.45, 0.29
HSL	39°, 36%, 55%
HSV	39°, 45%, 71%
XYZ	33.1960, 33.9959, 17.1242
YIQ	156.3300, 33.7010, -10.5470

Conversions

Conversions Part 2

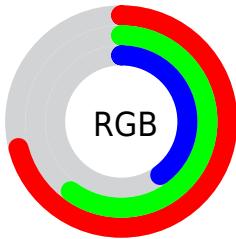
Format	Color
R_{YB}	144, 182, 101
Decimal	11967077
CIE _{Lab}	64.96, 3.15, 31.63
CIE _{LCh}	65, 31.786, 84.306
Yxy	33.9959, 0.3937, 0.4032
Android (android.graphics.Color)	4290157157 (0xFFB69A65)
YUV	156.3300, -27.2777, 22.5126
Hunter-Lab	58.3060, -0.4081, 23.4010

Details

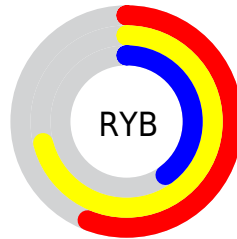
The XYZ color **33.1960, 33.9959, 17.1242** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6604, 21.8439, 47.3306**, and the grayscale version is **31.8557, 33.5147, 36.4975**.

A 20% lighter version of the original color is **63.9022, 65.7624, 39.4624**, and **14.2452, 14.4696, 5.4103** is the 20% darker color. If you saturate the color by 10%, you get **31.3902, 31.6569, 12.5995**, and if you desaturate by 10%, it is **35.2553, 36.5259, 22.7084**.

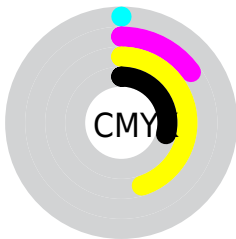
Distribution



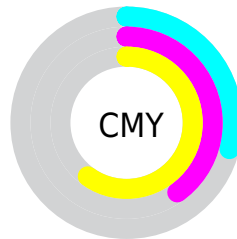
- Red (71%)
- Green (60%)
- Blue (40%)



- Red (56%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1960, 33.9959, 17.1242 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 33.1960, 33.9959, 17.1242 by changing the saturation by 10% instead.


 33.1960, 33.9959,
17.1242


 33.1960, 33.9959,
17.1242


308.1814,
320.1138, 247.9552


 22.4366, 22.8904,
10.1602


 64.0340, 65.9273,
39.3328


 14.2964, 14.5126,
5.3983


 84.8434, 87.5220,
55.4144

 8.4102, 8.4781,
2.4200

 109.7334,
113.3820, 75.3723

 4.4125, 4.4023,
0.7973

 139.0695,
143.8915, 99.6251

 1.9381, 1.9011,
0.0000

173.2170,
179.4351, 128.5912

 0.5988, 0.5490,
0.0000

212.5412,

 0.0000, 0.0000,

220.3971, 162.6893

0.0000

257.4076,
267.1618, 202.3377

■ 33.1960, 33.9959,
17.1242

■ 33.1960, 33.9959,
17.1242

■ 31.3902, 31.6569,
12.5995

■ 35.2553, 36.5259,
22.7084

■ 29.8215, 29.4972,
9.0625

■ 37.5785, 39.2486,
29.4134

■ 28.4751, 27.5108,
6.4358

■ 40.1783, 42.1715,
37.2983

■ 27.3330, 25.6891,
4.6292

■ 43.0655, 45.3003,
46.4172

■ 26.3738, 24.0222,
3.5339

■ 46.2507, 48.6403,
56.8210

■ 25.8996, 23.1616,
3.1056

■ 49.7436, 52.1966,
68.5578

■ 53.5535, 55.9742,
81.6731

■ 57.6894, 59.9777,
96.2101

■ 60.5410, 63.5642,
103.6860

Harmonies

Analogous

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



37.7424, 33.9959, 20.0427



33.1960, 33.9959, 17.1242



28.8122, 33.9959, 18.4218

Triad

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



33.1960, 33.9959, 17.1242



24.9147, 33.9959, 48.4305



40.0266, 33.9959, 53.8167

Complementary

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



33.1960, 33.9959, 17.1242



21.6604, 21.8439, 47.3306

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.



36.0845, 33.9959, 65.1751



33.1960, 33.9959, 17.1242



27.4294, 33.9959, 61.5851

Square

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



33.1960, 33.9959, 17.1242



24.2983, 33.9959, 34.5633



31.4440, 33.9959, 68.3107



41.9185, 33.9959, 39.5816

Rectangle

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



33.1960, 33.9959, 17.1242



26.5287, 33.9959, 21.7085



31.4440, 33.9959, 68.3107



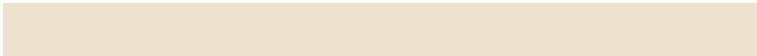
38.8802, 33.9959, 58.2208

Sweetspot

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



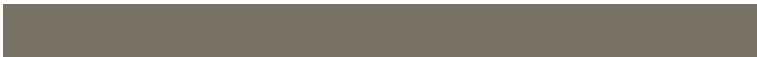
33.1968, 33.9975, 17.1249



73.4858, 77.1642, 69.6179



27.9311, 20.8471, 23.4432



15.9879, 16.7755, 14.6237



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.



33.1968, 33.9975, 17.1249



57.0968, 57.6421, 23.2889



35.6222, 42.9248, 18.7202



9.4818, 9.9666, 9.5309



18.3539, 16.4842, 2.2144



0.7024, 0.6918, 0.0965

Inverse Universe

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



21.6604, 21.8439, 47.3306



33.6267, 32.9428, 84.8220



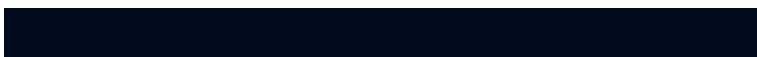
19.9269, 16.2059, 46.3337



8.7681, 9.2135, 11.3957



7.2708, 5.0013, 31.8352



0.3154, 0.2945, 1.1420

Previews

White Background



This preview shows how the XYZ color 33.1960, 33.9959, 17.1242 looks on a white background.

Color Contrast Check

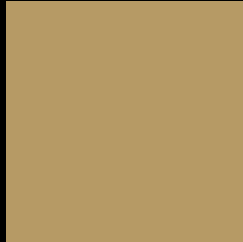
Large Text (above 18pt) WCAG AA × Fail

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 33.1960, 33.9959, 17.1242 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 33.1960, 33.9959, 17.1242

Background



This preview shows how black text looks on a background with the XYZ color 33.1960, 33.9959, 17.1242.



This preview shows how white text looks on a background with the XYZ color 33.1960, 33.9959,

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

33.1960, 33.9959, 17.1242

Protanopia

31.6384, 34.1837, 17.5010

Deuteranopia

34.7001, 34.0397, 17.3118



Tritanopia

37.3443, 34.0274, 36.9474

Trichromacy



Original Color

33.1960, 33.9959, 17.1242

Protanomaly

32.3597, 34.3034, 17.4860

Deuteranomaly

34.1200, 33.9806, 17.3310

Tritanomaly

35.6714, 34.0579, 28.3607

Monochromacy



Original Color

33.1960, 33.9959, 17.1242

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6823, 33.2196, 28.0347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1960, 33.9959, 17.1242 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(182, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 101)  
}
```

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(182, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 101) }
```

Border

The CSS property to change the border of an element to XYZ 33.1960, 33.9959, 17.1242 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(182, 154, 101) }
```


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

```
.border{ border-color:rgb(182, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1960, 33.9959, 17.1242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 101) }
```

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

```
.background{ background-color: rgb(182,  
154, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor