

Converting Colors

XYZ(34.6705, 35.5882, 18.9692)

Have a look what the booklet for
XYZ(34.6705, 35.5882, 18.9692)
contains.

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Color

**XYZ(34.4780, 35.3658,
18.9190)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B89D6B |
| RGB | 184, 157, 107 |
| RGB Percent | 72%, 62%, 42% |
| CMY | 0.2784, 0.3843, 0.5804 |
| CMYK | 0.00, 0.15, 0.42, 0.28 |
| HSL | 39°, 35%, 57% |
| HSV | 39°, 42%, 72% |
| XYZ | 34.4780, 35.3658, 18.9190 |
| YIQ | 159.3730, 32.1420, -9.8260 |

Conversions

Conversions Part 2

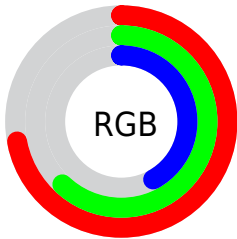
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 149, 184, 107 |
| Decimal | 12098923 |
| CIELab | 66.03, 3.00, 29.83 |
| CIElCh | 66, 29.983, 84.251 |
| Yxy | 35.3658, 0.3884, 0.3984 |
| Android (android.graphics.Color) | 4290289003 (0xFFB89D6B) |
| YUV | 159.3730, -25.8199, 21.5979 |
| Hunter-Lab | 59.4692, -0.5834, 22.7664 |

Details

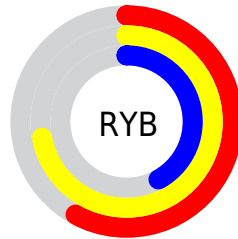
The XYZ color **34.4780, 35.3658, 18.9190** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.2400, 23.6360, 48.6848**, and the grayscale version is **33.2305, 34.9611, 38.0726**.

A 20% lighter version of the original color is **65.8279, 67.7925, 42.4166**, and **14.9967, 15.2910, 6.2987** is the 20% darker color. If you saturate the color by 10%, you get **32.5486, 32.8948, 13.9975**, and if you desaturate by 10%, it is **36.6728, 38.0378, 24.9460**.

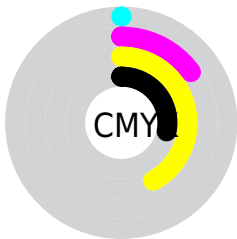
Distribution



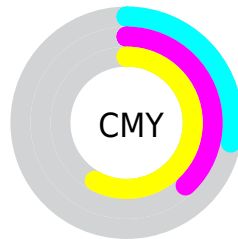
- Red (72%)
- Green (62%)
- Blue (42%)



- Red (58%)
- Yellow (72%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (28%)





- Cyan (28%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4780, 35.3658, 18.9190 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 34.4780, 35.3658, 18.9190 by changing the saturation by 10% instead.


 34.4780, 35.3658,
18.9190


 34.4780, 35.3658,
18.9190


313.8067,
326.1800, 258.4090


 23.4257, 23.9448,
11.4355

 66.0157, 68.0521,
42.4321


 15.0306, 15.2927,
6.2427


 87.2317, 90.0861,
59.2987

 8.9273, 9.0250,
2.9221


 112.5664,
116.4266, 80.1302

 4.7505, 4.7575,
1.0550

 142.3851,
147.4580, 105.3451

 2.1349, 2.1057,
0.0000

177.0531,
183.5646, 135.3619

 0.7081, 0.6678,
0.0000

216.9358,

 0.0000, 0.0000,

225.1309, 170.5991

0.0000

262.3986,
272.5412, 211.4753

■ 34.4780, 35.3658,
18.9190

■ 34.4780, 35.3658,
18.9190

■ 32.5486, 32.8948,
13.9975

■ 36.6728, 38.0378,
24.9460

■ 30.8679, 30.6128,
10.1097

■ 39.1433, 40.9124,
32.1399

■ 29.4212, 28.5137,
7.1785


■ 41.9023, 43.9973,
40.5603


■ 28.1907, 26.5890,
5.1149


■ 44.9609, 47.2983,
50.2618


■ 27.1554, 24.8288,
3.8132


■ 48.3297, 50.8209,
61.2960

 26.4225, 23.5010,
3.1435

 52.0186, 54.5705,
73.7114

 56.0372, 58.5519,
87.5540

 60.3944, 62.7701,
102.8680

 62.1338, 66.0436,
104.0806

Harmonies

Analogous

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



38.8616, 35.3658, 21.8553



34.4780, 35.3658, 18.9190



30.2228, 35.3658, 20.2165

Triad

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



34.4780, 35.3658, 18.9190



26.4049, 35.3658, 49.4674



41.0426, 35.3658, 54.6603

Complementary

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



34.4780, 35.3658, 18.9190



23.2400, 23.6360, 48.6848

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.



37.2501, 35.3658, 65.4298



34.4780, 35.3658, 18.9190



28.8617, 35.3658, 61.9984

Square

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



34.4780, 35.3658, 18.9190



25.8037, 35.3658, 36.1059



32.7648, 35.3658, 68.3747



42.8602, 35.3658, 41.0130

Rectangle

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



34.4780, 35.3658, 18.9190



27.9933, 35.3658, 23.4945



32.7648, 35.3658, 68.3747



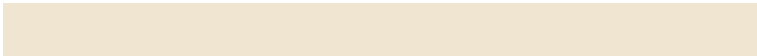
39.9411, 35.3658, 58.8475

Sweetspot

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



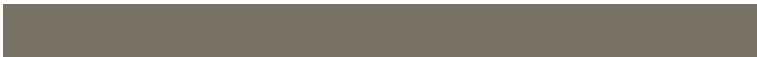
34.4789, 35.3675, 18.9197



75.2421, 78.9677, 71.2994



29.4147, 22.4620, 25.7935



15.9773, 16.7542, 14.6201



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.



34.4789, 35.3675, 18.9197



59.3357, 60.0677, 26.1885



37.1907, 44.3107, 20.5030



9.4780, 9.9590, 9.5296



18.2785, 16.3333, 2.1893



0.7001, 0.6872, 0.0957

Inverse Universe

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



23.2400, 23.6360, 48.6848



36.3058, 36.0503, 87.2495



21.2818, 17.7769, 47.6571



8.7718, 9.2208, 11.3969



7.3069, 5.0735, 31.8472



0.3169, 0.2976, 1.1425

Previews

White Background



This preview shows how the XYZ color 34.4780, 35.3658, 18.9190 looks on a white background.

Color Contrast Check

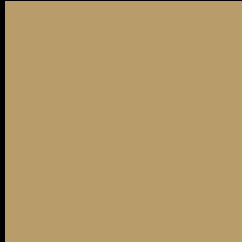
Large Text (above 18pt) WCAG AA × Fail

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 34.4780, 35.3658, 18.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

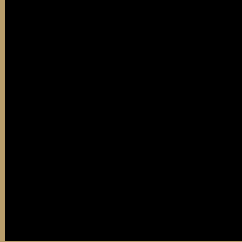
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4780, 35.3658, 18.9190

Background



This preview shows how black text looks on a background with the XYZ color 34.4780, 35.3658, 18.9190.



This preview shows how white text looks on a background with the XYZ color 34.4780, 35.3658,

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

34.4780, 35.3658, 18.9190

Protanopia

32.9072, 35.5711, 19.3189

Deuteranopia

36.0006, 35.4004, 19.1229



Tritanopia

38.6631, 35.3685, 38.9714

Trichromacy



Original Color

34.4780, 35.3658, 18.9190

Protanomaly

33.6377, 35.6893, 19.3032

Deuteranomaly

35.4144, 35.3442, 19.1429

Tritanomaly

37.0128, 35.4268, 30.4785

Monochromacy



Original Color

34.4780, 35.3658, 18.9190

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.1089, 34.6720, 29.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4780, 35.3658, 18.9190 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(184, 157, 107)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 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(184, 157, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 107) }
```

Border

The CSS property to change the border of an element to XYZ 34.4780, 35.3658, 18.9190 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(184, 157, 107) }
```


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

```
.border{ border-color:rgb(184, 157, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 157, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 107);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4780, 35.3658, 18.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 107) }
```

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

```
.background{ background-color: rgb(184,  
157, 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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