

Converting Colors

XYZ(34.5018, 32.7616, 30.5035)

Have a look what the booklet for
XYZ(34.5018, 32.7616, 30.5035)
contains.

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Color

**XYZ(34.4477, 32.6744,
30.4778)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B5938F |
| RGB | 181, 147, 143 |
| RGB Percent | 71%, 58%, 56% |
| CMY | 0.2902, 0.4235, 0.4392 |
| CMYK | 0.00, 0.19, 0.21, 0.29 |
| HSL | 6°, 20%, 64% |
| HSV | 6°, 21%, 71% |
| XYZ | 34.4477, 32.6744, 30.4778 |
| YIQ | 156.7100, 21.5480, 5.9640 |

Conversions

Conversions Part 2

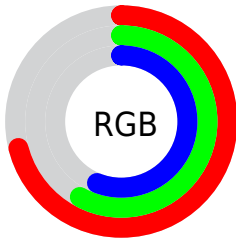
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 181, 147, 143 |
| Decimal | 11899791 |
| CIE _{Lab} | 63.90, 12.11, 6.92 |
| CIE _{LCh} | 64, 13.946, 29.764 |
| Yxy | 32.6744, 0.3529, 0.3348 |
| Android (android.graphics.Color) | 4290089871 (0xFFB5938F) |
| YUV | 156.7100, -6.7590, 21.3023 |
| Hunter-Lab | 57.1615, 7.5382, 8.4004 |

Details

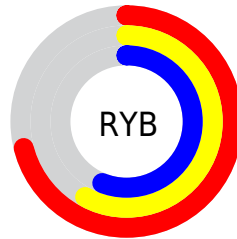
The XYZ color **34.4477, 32.6744, 30.4778** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3899, 40.6190, 49.6912**, and the grayscale version is **31.9409, 33.6043, 36.5951**.

A 20% lighter version of the original color is **65.8897, 63.8090, 61.6669**, and **15.0607, 13.7452, 12.2152** is the 20% darker color. If you saturate the color by 10%, you get **30.8425, 27.4840, 23.0483**, and if you desaturate by 10%, it is **38.6304, 38.6652, 39.1921**.

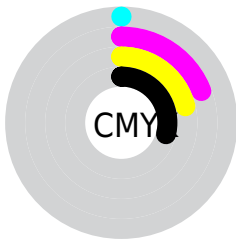
Distribution



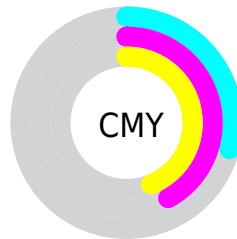
- Red (71%)
- Green (58%)
- Blue (56%)



- Red (71%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (29%)




- Cyan (29%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4477, 32.6744, 30.4778 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 34.4477, 32.6744, 30.4778 by changing the saturation by 10% instead.


 34.4477, 32.6744,
30.4778


 34.4477, 32.6744,
30.4778


313.6746,
314.1800, 318.4016

 23.4023, 21.8771,
19.9464


 65.9690, 63.8669,
61.4869

 15.0131, 13.7666,
12.1724


 87.1755, 85.0308,
82.8017

 8.9150, 7.9585,
6.7372


112.4997,
110.4192, 108.5480

 4.7424, 4.0684,
3.2224

142.3071,
140.4162, 139.1444

 2.1301, 1.7119,
1.2093

176.9629,
175.4065, 175.0094

 0.7055, 0.4314,
0.0000

216.8326,

 0.0000, 0.0000,

215.7743, 216.5616

0.0000

262.2813,
261.9040, 264.2195

■ 34.4477, 32.6744,
30.4778

■ 34.4477, 32.6744,
30.4778

■ 30.8425, 27.4840,
23.0483

■ 38.6304, 38.6652,
39.1921

■ 27.7868, 23.0558,
16.8408

■ 43.4117, 45.4837,
49.2458

■ 25.2544, 19.3553,
11.7904

■ 48.8149, 53.1612,
60.6928

■ 23.2156, 16.3433,
7.8253

■ 54.8612, 61.7262,
73.5835

■ 21.6378, 13.9773,
4.8657

■ 61.5710, 71.2059,
87.9658

■ 20.4847, 12.2097,
2.8209

■ 68.9634, 81.6263,
103.8852

■ 19.7141, 10.9865,
1.5836

■ 72.8661, 88.5638,
107.8618

■ 19.2902, 10.2919,
0.9698

Harmonies

Analogous

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



34.9838, 32.6744, 35.6213



34.4477, 32.6744, 30.4778



32.9949, 32.6744, 27.0342

Triad

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



34.4477, 32.6744, 30.4778



27.9091, 32.6744, 30.4084



31.0405, 32.6744, 47.5130

Complementary

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



34.4477, 32.6744, 30.4778



35.3899, 40.6190, 49.6912

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.



29.1946, 32.6744, 45.7526



34.4477, 32.6744, 30.4778



27.4339, 32.6744, 35.5324

Square

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



34.4477, 32.6744, 30.4778



29.2204, 32.6744, 26.9972



27.8946, 32.6744, 41.2151



32.9669, 32.6744, 45.8052

Rectangle

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



34.4477, 32.6744, 30.4778



31.7313, 32.6744, 25.9677



27.8946, 32.6744, 41.2151



30.3904, 32.6744, 47.3048

Sweetspot

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



34.4486, 32.6759, 30.4785



73.2400, 75.0356, 78.6977



36.8346, 32.6514, 46.0607



15.7126, 16.0507, 16.7631



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.



34.4486, 32.6759, 30.4785



58.7150, 54.2356, 48.4223



37.6142, 39.0070, 31.5337



8.5661, 8.6446, 8.8696



13.3239, 7.1464, 0.6772



0.4425, 0.2714, 0.0291

Inverse Universe

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



35.3899, 40.6190, 49.6912



60.6901, 70.9179, 88.7844



31.9295, 33.6982, 48.5378



8.6647, 9.4755, 10.8786



14.6784, 20.1572, 33.2541



0.4836, 0.6778, 1.0536

Previews

White Background



This preview shows how the XYZ color 34.4477, 32.6744, 30.4778 looks on a white background.

Color Contrast Check

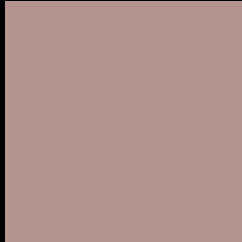
Large Text (above 18pt) WCAG AA × Fail

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 34.4477, 32.6744, 30.4778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

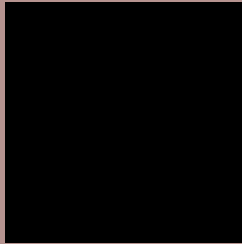
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4477, 32.6744, 30.4778

Background



This preview shows how black text looks on a background with the XYZ color 34.4477, 32.6744, 30.4778.



This preview shows how white text looks on a background with the XYZ color 34.4477, 32.6744,

30.4778.

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

34.4477, 32.6744, 30.4778

Protanopia

31.3193, 32.6914, 32.2631

Deuteranopia

33.5435, 32.9098, 30.5709



Tritanopia

35.6546, 32.7184, 35.8886

Trichromacy



Original Color

34.4477, 32.6744, 30.4778

Protanomaly

32.4034, 32.5334, 31.7659

Deuteranomaly

33.8368, 32.8252, 30.5391

Tritanomaly

35.1562, 32.7372, 33.7441

Monochromacy



Original Color

34.4477, 32.6744, 30.4778

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7846, 33.1565, 34.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4477, 32.6744, 30.4778 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, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 143)  
}
```

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, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 143) }
```

Border

The CSS property to change the border of an element to XYZ 34.4477, 32.6744, 30.4778 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, 147, 143) }
```


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

```
.border{ border-color:rgb(181, 147, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4477, 32.6744, 30.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 143) }
```

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

```
.background{ background-color: rgb(181,  
147, 143) }
```

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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