

Converting Colors

XYZ(36.4456, 32.8017, 34.0343)

Have a look what the booklet for
XYZ(36.4456, 32.8017, 34.0343)
contains.

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Color

**XYZ(36.4762, 32.7307,
34.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8F98
RGB	189, 143, 152
RGB Percent	74%, 56%, 60%
CMY	0.2588, 0.4392, 0.4039
CMYK	0.00, 0.24, 0.20, 0.26
HSL	348°, 26%, 65%
HSV	348°, 24%, 74%
XYZ	36.4762, 32.7307, 34.1009
YIQ	157.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

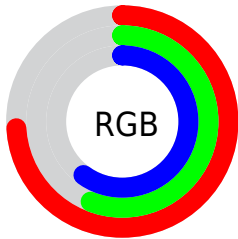
Format	Color
RYB	189, 143, 152
Decimal	12423064
CIELab	63.94, 18.77, 2.01
CIElCh	64, 18.880, 6.114
Yxy	32.7307, 0.3531, 0.3168
Android (android.graphics.Color)	4290613144 (0xFFBD8F98)
YUV	157.7800, -2.8495, 27.3799
Hunter-Lab	57.2108, 13.6885, 4.7073

Details

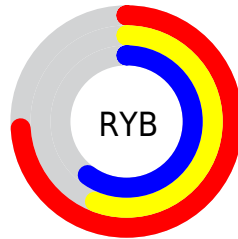
The XYZ color **36.4762, 32.7307, 34.1009** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7648, 45.5309, 49.9801**, and the grayscale version is **32.4052, 34.0928, 37.1270**.

A 20% lighter version of the original color is **69.1129, 63.9816, 67.0996**, and **16.1678, 13.7448, 14.1128** is the 20% darker color. If you saturate the color by 10%, you get **32.7080, 27.0607, 27.0902**, and if you desaturate by 10%, it is **40.8839, 39.4235, 42.1130**.

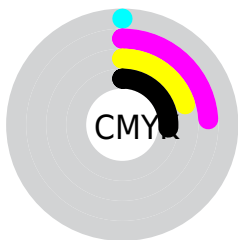
Distribution



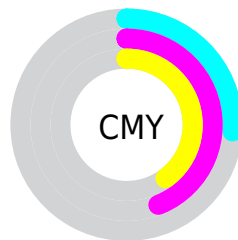
- Red (74%)
- Green (56%)
- Blue (60%)



- Red (74%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (26%)





- Cyan (26%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4762, 32.7307, 34.1009 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 36.4762, 32.7307, 34.1009 by changing the saturation by 10% instead.


 36.4762, 32.7307,
34.1009


 36.4762, 32.7307,
34.1009

322.4322,
314.4345, 335.3646

 24.9740, 21.9202,
22.6931


 69.0855, 63.9549,
67.2262

 16.1863, 13.7983,
14.1639


 90.9233, 85.1373,
89.7809

 9.7478, 7.9805,
8.0947


116.9371,
110.5459, 116.8882

 5.2930, 4.0825,
4.0670

147.4921,
140.5650, 148.9669

 2.4567, 1.7198,
1.6622

182.9538,
175.5790, 186.4353

 0.8735, 0.4364,
0.3346

223.6875,

 0.0000, 0.0000,

215.9724, 229.7120

0.0000

270.0585,
262.1294, 279.2156

■ 36.4762, 32.7307,
34.1009

■ 36.4762, 32.7307,
34.1009

■ 32.7080, 27.0607,
27.0902

■ 40.8839, 39.4235,
42.1130

■ 29.5466, 22.3588,
21.0392

■ 45.9563, 47.1815,
51.1620

■ 26.9604, 18.5719,
15.9063

■ 51.7206, 56.0501,
61.2839

■ 24.9141, 15.6400,
11.6457

■ 58.2016, 66.0706,
72.5127

■ 23.3680, 13.4959,
8.2079

■ 65.4230, 77.2824,
84.8806

■ 22.2771, 12.0621,
5.5381

■ 72.9575, 88.8233,
98.2686

■ 21.5875, 11.2454,
3.5741

■ 74.7964, 89.5589,
107.9521

■ 21.3198, 10.9522,
2.7379

Harmonies

Analogous

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



36.0235, 32.7307, 41.9032



36.4762, 32.7307, 34.1009



35.4262, 32.7307, 27.6844

Triad

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



36.4762, 32.7307, 34.1009



28.1918, 32.7307, 25.0680



29.0845, 32.7307, 50.7764

Complementary

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



36.4762, 32.7307, 34.1009



37.7648, 45.5309, 49.9801

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.



27.1586, 32.7307, 44.9857



36.4762, 32.7307, 34.1009



26.6642, 32.7307, 30.0310

Square

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



36.4762, 32.7307, 34.1009



30.5680, 32.7307, 22.9695



26.2969, 32.7307, 37.2210



31.6574, 32.7307, 52.2735

Rectangle

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



36.4762, 32.7307, 34.1009



34.0486, 32.7307, 24.8105



26.2969, 32.7307, 37.2210



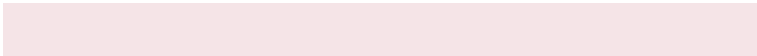
28.3447, 32.7307, 49.2309

Sweetspot

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



36.4771, 32.7322, 34.1016



79.6635, 80.4490, 86.9424



37.7847, 32.9999, 52.5225



17.0114, 17.1167, 18.4834



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.4771, 32.7322, 34.1016



61.7295, 53.1921, 54.4175



37.9684, 36.8496, 31.1000



9.6044, 9.5661, 10.3058



14.3665, 7.3778, 1.9579



0.5859, 0.2982, 0.1986

Inverse Universe

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



36.4771, 32.7322, 34.1016



61.7295, 53.1921, 54.4175



35.8831, 40.2527, 54.0227



9.6044, 9.5661, 10.3058



14.3665, 7.3778, 1.9579



0.5859, 0.2982, 0.1986

Previews

White Background



This preview shows how the XYZ color 36.4762, 32.7307, 34.1009 looks on a white background.

Color Contrast Check

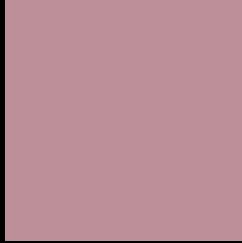
Large Text (above 18pt) WCAG AA × Fail

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 36.4762, 32.7307, 34.1009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

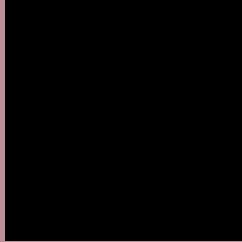
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4762, 32.7307, 34.1009

Background



This preview shows how black text looks on a background with the XYZ color 36.4762, 32.7307, 34.1009.



This preview shows how white text looks on a background with the XYZ color 36.4762, 32.7307,

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

36.4762, 32.7307, 34.1009

Protanopia

31.7182, 32.7825, 37.4568

Deuteranopia

33.5055, 32.8177, 33.8467



Tritanopia

36.6415, 32.7968, 34.9711

Trichromacy



Original Color

36.4762, 32.7307, 34.1009

Protanomaly

33.2693, 32.6480, 36.0007

Deuteranomaly

34.3797, 32.5668, 33.7522

Tritanomaly

36.5585, 32.7636, 34.5342

Monochromacy



Original Color

36.4762, 32.7307, 34.1009

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.7542, 33.6178, 36.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4762, 32.7307, 34.1009 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(189, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 152)  
}
```

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(189, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.4762, 32.7307, 34.1009 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(189, 143, 152) }
```


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

```
.border{ border-color:rgb(189, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4762, 32.7307, 34.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 152) }
```

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

```
.background{ background-color: rgb(189,  
143, 152) }
```

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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