

Converting Colors

XYZ(36.3630, 32.7958, 32.4977)

Have a look what the booklet for
XYZ(36.3630, 32.7958, 32.4977)
contains.

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Color

**XYZ(36.4030, 32.7302,
32.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8F94
RGB	190, 143, 148
RGB Percent	75%, 56%, 58%
CMY	0.2549, 0.4392, 0.4196
CMYK	0.00, 0.25, 0.22, 0.25
HSL	354°, 27%, 65%
HSV	354°, 25%, 75%
XYZ	36.4030, 32.7302, 32.4159
YIQ	157.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

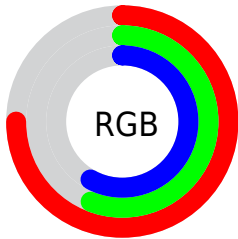
Format	Color
R _Y B	190, 143, 148
Decimal	12488596
CIE Lab	63.94, 18.53, 4.29
CIE LCh	64, 19.020, 13.020
Yxy	32.7302, 0.3585, 0.3223
Android (android.graphics.Color)	4290678676 (0xFFBE8F94)
YUV	157.6230, -4.7441, 28.3946
Hunter-Lab	57.2103, 13.4617, 6.4529

Details

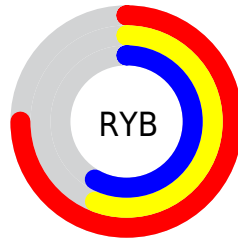
The XYZ color **36.4030, 32.7302, 32.4159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4995, 46.1702, 52.7839**, and the grayscale version is **32.3419, 34.0262, 37.0545**.

A 20% lighter version of the original color is **68.9847, 63.9709, 64.5889**, and **16.1382, 13.7516, 13.1130** is the 20% darker color. If you saturate the color by 10%, you get **32.5417, 27.0030, 24.9771**, and if you desaturate by 10%, it is **40.9463, 39.5055, 41.0555**.

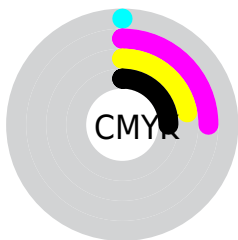
Distribution



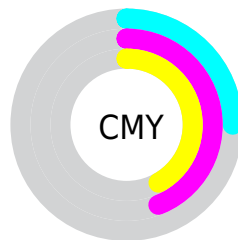
- Red (75%)
- Green (56%)
- Blue (58%)



- Red (75%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (25%)




- Cyan (25%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4030, 32.7302, 32.4159 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 36.4030, 32.7302, 32.4159 by changing the saturation by 10% instead.


 36.4030, 32.7302,
32.4159


 36.4030, 32.7302,
32.4159


322.1192,
314.4322, 327.5604

 24.9172, 21.9198,
21.4119

 68.9734, 63.9541,
64.5680

 16.1437, 13.7980,
13.2313


 90.7888, 85.1364,
86.5532

 9.7174, 7.9803,
7.4554

116.7779,
110.5448, 113.0358

 5.2728, 4.0824,
3.6658

147.3063,
140.5637, 144.4345

 2.4446, 1.7197,
1.4438

182.7393,
175.5775, 181.1678

 0.8674, 0.4364,
0.1756

223.4422,

 0.0000, 0.0000,

215.9706, 223.6542

0.0000

269.7803,
262.1274, 272.3122

■ 36.4030, 32.7302,
32.4159

■ 36.4030, 32.7302,
32.4159

■ 32.5417, 27.0030,
24.9771

■ 40.9463, 39.5055,
41.0555

■ 29.3270, 22.2671,
18.6841

■ 46.1997, 47.3727,
50.9438

■ 26.7240, 18.4677,
13.4803

■ 52.1927, 56.3788,
62.1284

■ 24.6937, 15.5424,
9.3036

■ 58.9527, 66.5666,
74.6540

■ 23.1925, 13.4215,
6.0856

■ 66.5052, 77.9768,
88.5628

■ 22.1703, 12.0244,
3.7497

■ 74.2321, 89.3619,
103.6812

■ 21.5675, 11.2538,
2.2070

■ 75.0454, 89.6872,
107.9638

■ 21.3634, 10.9984,
1.6681

Harmonies

Analogous

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



36.3008, 32.7302, 40.1222



36.4030, 32.7302, 32.4159



35.0295, 32.7302, 26.4897

Triad

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



36.4030, 32.7302, 32.4159



27.7251, 32.7302, 25.9026



29.6288, 32.7302, 51.6926

Complementary

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



36.4030, 32.7302, 32.4159



38.4995, 46.1702, 52.7839

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.



27.4926, 32.7302, 46.6810



36.4030, 32.7302, 32.4159



26.4376, 32.7302, 31.5003

Square

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



36.4030, 32.7302, 32.4159



29.9628, 32.7302, 23.1092



26.3550, 32.7302, 39.0660



32.2842, 32.7302, 52.0314

Rectangle

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



36.4030, 32.7302, 32.4159



33.5052, 32.7302, 24.0402



26.3550, 32.7302, 39.0660



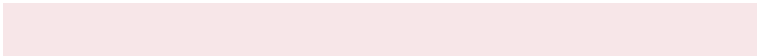
28.8300, 32.7302, 50.4690

Sweetspot

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



36.4039, 32.7317, 32.4166



81.3359, 82.2704, 87.8447



39.0089, 33.6185, 53.1486



17.7290, 17.8685, 19.0427



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.4039, 32.7317, 32.4166



61.7967, 53.1182, 50.7302



38.9420, 38.4272, 31.3532



9.5703, 9.5524, 10.1262



14.2199, 7.3191, 1.1857



0.5709, 0.2923, 0.1197

Inverse Universe

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



36.4039, 32.7317, 32.4166



61.7967, 53.1182, 50.7302



35.3726, 39.0573, 54.3900



9.5703, 9.5524, 10.1262



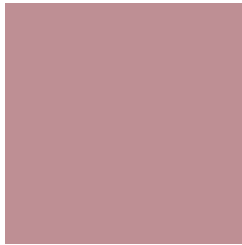
14.2199, 7.3191, 1.1857



0.5709, 0.2923, 0.1197

Previews

White Background



This preview shows how the XYZ color 36.4030, 32.7302, 32.4159 looks on a white background.

Color Contrast Check

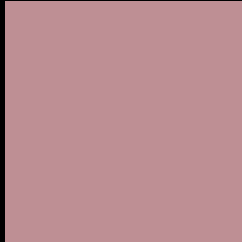
Large Text (above 18pt) WCAG AA × Fail

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 36.4030, 32.7302, 32.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

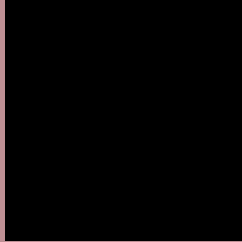
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4030, 32.7302, 32.4159

Background



This preview shows how black text looks on a background with the XYZ color 36.4030, 32.7302, 32.4159.



This preview shows how white text looks on a background with the XYZ color 36.4030, 32.7302,

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

36.4030, 32.7302, 32.4159

Protanopia

31.4889, 32.7134, 35.2265

Deuteranopia

33.4064, 32.8035, 32.1748



Tritanopia

36.9086, 32.7223, 34.5077

Trichromacy



Original Color

36.4030, 32.7302, 32.4159

Protanomaly

33.1514, 32.6257, 34.2559

Deuteranomaly

34.2906, 32.5577, 32.0807

Tritanomaly

36.7448, 32.6567, 33.6449

Monochromacy



Original Color

36.4030, 32.7302, 32.4159

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.8015, 33.6616, 35.2877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4030, 32.7302, 32.4159 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(190, 143, 148)` looks like.

```
.text, #text, p{  
    color:rgb(190, 143, 148)  
}
```

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(190, 143, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 143, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.4030, 32.7302, 32.4159 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(190, 143, 148) }
```


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

```
.border{ border-color:rgb(190, 143, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 143, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 143, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 143, 148);  
box-shadow:4px 4px 4px 4px rgb(190, 143,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4030, 32.7302, 32.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 143, 148) }
```

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

```
.background{ background-color: rgb(190,  
143, 148) }
```

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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