

Converting Colors

XYZ(36.8287, 32.9327, 36.3046)

Have a look what the booklet for
XYZ(36.8287, 32.9327, 36.3046)
contains.

XYZ(36.8945, 32.8981, 36.3037)	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(36.8945, 32.8981,
36.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8F9D
RGB	189, 143, 157
RGB Percent	74%, 56%, 62%
CMY	0.2588, 0.4392, 0.3843
CMYK	0.00, 0.24, 0.17, 0.26
HSL	342°, 26%, 65%
HSV	342°, 24%, 74%
XYZ	36.8945, 32.8981, 36.3037
YIQ	158.3500, 22.9220, 14.1060

Conversions

Conversions Part 2

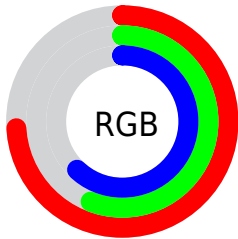
Format	Color
RYB	189, 143, 157
Decimal	12423069
CIELab	64.08, 19.57, -0.62
CIElCh	64, 19.580, 358.191
Yxy	32.8981, 0.3477, 0.3101
Android (android.graphics.Color)	4290613149 (0xFFBD8F9D)
YUV	158.3500, -0.6655, 26.8801
Hunter-Lab	57.3569, 14.4447, 2.6225

Details

The XYZ color **36.8945, 32.8981, 36.3037** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2645, 45.3307, 47.3453**, and the grayscale version is **32.6547, 34.3553, 37.4130**.

A 20% lighter version of the original color is **69.7302, 64.2285, 70.3502**, and **16.4203, 13.8458, 15.4427** is the 20% darker color. If you saturate the color by 10%, you get **33.2299, 27.2696, 29.8385**, and if you desaturate by 10%, it is **41.1598, 39.5340, 43.5660**.

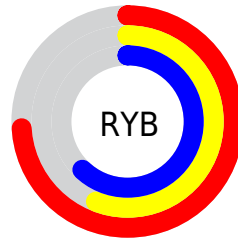
Distribution



Red (74%)

Green (56%)

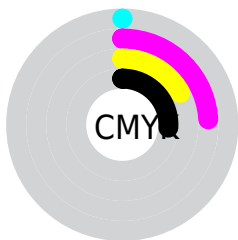
Blue (62%)



Red (74%)

Yellow (56%)

Blue (62%)

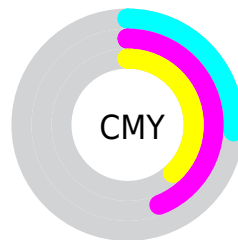


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8945, 32.8981, 36.3037 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 36.8945, 32.8981, 36.3037 by changing the saturation by 10% instead.


 36.8945, 32.8981,
36.3037


 36.8945, 32.8981,
36.3037


324.2170,
315.1903, 345.3635

 25.2991, 22.0484,
24.3773


 69.7254, 64.2164,
70.6749

 16.4300, 13.8925,
15.3989


 91.6916, 85.4538,
93.9567

 9.9217, 8.0459,
8.9501

117.8455,
110.9225, 121.8608

 5.4089, 4.1243,
4.6123

148.5523,
141.0070, 154.8056

 2.5263, 1.7434,
1.9669

184.1776,
176.0916, 193.2098

 0.9086, 0.4515,
0.5348

225.0865,

 0.0000, 0.0000,

216.5608, 237.4918

0.0000

271.6445,
262.7989, 288.0702

■ 36.8945, 32.8981,
36.3037

■ 36.8945, 32.8981,
36.3037

■ 33.2299, 27.2696,
29.8385

■ 41.1598, 39.5340,
43.5660

■ 30.1355, 22.5944,
24.1403

■ 46.0490, 47.2187,
51.6500

■ 27.5821, 18.8206,
19.1800

■ 51.5872, 55.9968,
60.5816

■ 25.5370, 15.8892,
14.9259

■ 57.7976, 65.9091,
70.3850

■ 23.9635, 13.7340,
11.3436

■ 64.7019, 76.9941,
81.0834

■ 22.8197, 12.2791,
8.3954

■ 71.8713, 88.3888,
92.5491

■ 22.0556, 11.4327,
6.0390

■ 73.8520, 89.1811,
102.9791

■ 21.7377, 11.1194,
4.9387

■ 74.7963, 89.5589,
107.9521

Harmonies

Analogous

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



36.0122, 32.8981, 44.4685



36.8945, 32.8981, 36.3037



36.1971, 32.8981, 29.0926

Triad

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



36.8945, 32.8981, 36.3037



28.8216, 32.8981, 23.9975



28.5469, 32.8981, 50.3947

Complementary

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



36.8945, 32.8981, 36.3037



37.2645, 45.3307, 47.3453

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.



26.8092, 32.8981, 43.5129



36.8945, 32.8981, 36.3037



26.9611, 32.8981, 28.3732

Square

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



36.8945, 32.8981, 36.3037



31.4369, 32.8981, 22.6454



26.2459, 32.8981, 35.3415



31.1010, 32.8981, 53.3136

Rectangle

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



36.8945, 32.8981, 36.3037



34.9519, 32.8981, 25.6197



26.2459, 32.8981, 35.3415



27.8537, 32.8981, 48.4226

Sweetspot

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



36.8954, 32.8996, 36.3044



79.9281, 80.5549, 88.3357



36.5612, 32.3693, 52.4652



17.0727, 17.1412, 18.8063



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.



36.8954, 32.8996, 36.3044



62.5822, 53.5332, 58.9079



37.0818, 35.0764, 30.8045



9.6465, 9.5829, 10.5274



14.6560, 7.4935, 3.4820



0.6041, 0.3055, 0.2945

Inverse Universe

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



36.8954, 32.8996, 36.3044



62.5822, 53.5332, 58.9079



36.9500, 42.3865, 54.3782



9.6465, 9.5829, 10.5274



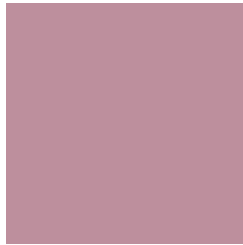
14.6560, 7.4935, 3.4820



0.6041, 0.3055, 0.2945

Previews

White Background



This preview shows how the XYZ color 36.8945, 32.8981, 36.3037 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 36.8945, 32.8981, 36.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

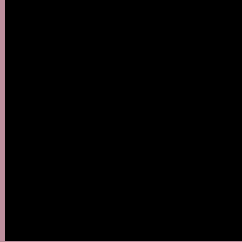
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8945, 32.8981, 36.3037

Background



This preview shows how black text looks on a background with the XYZ color 36.8945, 32.8981, 36.3037.



This preview shows how white text looks on a background with the XYZ color 36.8945, 32.8981,

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

36.8945, 32.8981, 36.3037

Protanopia

32.1325, 33.1909, 39.8349

Deuteranopia

33.6449, 33.0796, 36.0642



Tritanopia

36.6415, 32.7968, 34.9711

Trichromacy



Original Color

36.8945, 32.8981, 36.3037

Protanomaly

33.6481, 33.0313, 38.3204

Deuteranomaly

34.7221, 32.9272, 35.9780

Tritanomaly

36.7251, 32.8303, 35.4116

Monochromacy



Original Color

36.8945, 32.8981, 36.3037

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.9250, 33.6861, 37.0618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8945, 32.8981, 36.3037 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.8945, 32.8981, 36.3037 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, 157) }
```


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

```
.border{ border-color:rgb(189, 143, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8945, 32.8981, 36.3037 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, 157) }
```

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

```
.background{ background-color: rgb(189,  
143, 157) }
```

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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