

Converting Colors

XYZ(36.1308, 33.9693, 34.6048)

Have a look what the booklet for
XYZ(36.1308, 33.9693, 34.6048)
contains.

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Color

**XYZ(36.0257, 33.8621,
34.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	B79599
RGB	183, 149, 153
RGB Percent	72%, 58%, 60%
CMY	0.2823, 0.4157, 0.4000
CMYK	0.00, 0.19, 0.16, 0.28
HSL	353°, 19%, 65%
HSV	353°, 19%, 72%
XYZ	36.0257, 33.8621, 34.7743
YIQ	159.6220, 18.9800, 8.4520

Conversions

Conversions Part 2

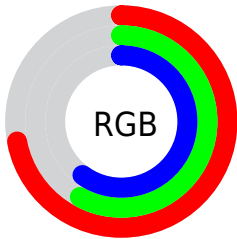
Format	Color
R_{YB}	183, 149, 153
Decimal	12031385
CIE _{Lab}	64.85, 13.35, 2.69
CIE _{LCh}	65, 13.614, 11.409
Yxy	33.8621, 0.3442, 0.3235
Android (android.graphics.Color)	4290221465 (0xFFB79599)
YUV	159.6220, -3.2646, 20.5025
Hunter-Lab	58.1912, 8.6735, 5.3028

Details

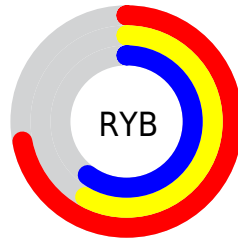
The XYZ color **36.0257, 33.8621, 34.7743** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4660, 43.5121, 49.0740**, and the grayscale version is **33.2489, 34.9804, 38.0937**.

A 20% lighter version of the original color is **68.2150, 65.5676, 68.0920**, and **15.9719, 14.4405, 14.5159** is the 20% darker color. If you saturate the color by 10%, you get **32.1101, 28.0226, 27.3280**, and if you desaturate by 10%, it is **40.5787, 40.6867, 43.3245**.

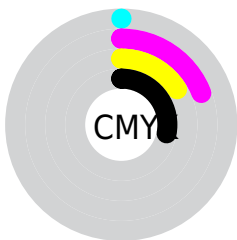
Distribution



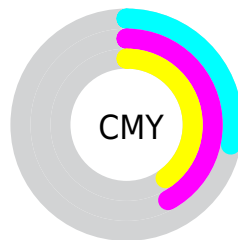
- Red (72%)
- Green (58%)
- Blue (60%)



- Red (72%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0257, 33.8621, 34.7743 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 36.0257, 33.8621, 34.7743 by changing the saturation by 10% instead.


 36.0257, 33.8621,
34.7743


 36.0257, 33.8621,
34.7743

320.5021,
319.5167, 338.4449

 24.6242, 22.7877,
23.2069


 68.3953, 65.7192,
68.2836

 15.9246, 14.4368,
14.5396


 90.0942, 87.2706,
91.0625

 9.5613, 8.4251,
8.3539


115.9563,
113.0832, 118.4158

 5.1691, 4.3681,
4.2312

146.3470,
143.5413, 150.7618

 2.3826, 1.8816,
1.7530

181.6315,
179.0293, 188.5192

 0.8364, 0.5373,
0.3967

222.1753,

 0.0000, 0.0000,

219.9316, 232.1065

0.0000

268.3437,
266.6326, 281.9422

■ 36.0257, 33.8621,
34.7743

■ 36.0257, 33.8621,
34.7743

■ 32.1101, 28.0226,
27.3280

■ 40.5787, 40.6867,
43.3245

■ 28.8006, 23.1184,
20.9384

■ 45.7929, 48.5342,
53.0188

■ 26.0676, 19.1021,
15.5582

■ 51.6942, 57.4459,
63.8982

■ 23.8779, 15.9206,
11.1355

■ 58.3064, 67.4596,
76.0007

■ 22.1949, 13.5150,
7.6139

■ 65.6522, 78.6111,
89.3629

■ 20.9773, 11.8184,
4.9309

■ 72.5272, 88.4828,
103.6111

■ 20.1774, 10.7531,
3.0160

■ 73.3386, 88.8074,
107.8839

■ 19.7198, 10.1891,
1.7813

■ 19.6688, 10.1234,
1.6521

Harmonies

Analogous

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



35.8940, 33.8621, 40.4224



36.0257, 33.8621, 34.7743



35.0976, 33.8621, 30.1766

Triad

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



36.0257, 33.8621, 34.7743



29.7540, 33.8621, 29.3470



30.9973, 33.8621, 48.0859

Complementary

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



36.0257, 33.8621, 34.7743



37.4660, 43.5121, 49.0740

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.



29.4380, 33.8621, 44.4866



36.0257, 33.8621, 34.7743



28.7406, 33.8621, 33.5322

Square

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



36.0257, 33.8621, 34.7743



31.4446, 33.8621, 27.2624



28.6273, 33.8621, 39.0484



32.9368, 33.8621, 48.5052

Rectangle

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



36.0257, 33.8621, 34.7743



34.0240, 33.8621, 28.1750



28.6273, 33.8621, 39.0484



30.4134, 33.8621, 47.1919

Sweetspot

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



36.0266, 33.8636, 34.7750



74.8770, 76.1776, 81.7013



37.7631, 34.4357, 49.4566



16.4093, 16.6318, 17.8054



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.



36.0266, 33.8636, 34.7750



61.7355, 56.4851, 57.0029



37.7809, 37.8917, 33.7582



9.0464, 9.0289, 9.5918



13.7349, 7.0677, 1.2249



0.4983, 0.2548, 0.1176

Inverse Universe

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



36.0266, 33.8636, 34.7750



61.7355, 56.4851, 57.0029



35.4179, 38.7595, 50.4148



9.0464, 9.0289, 9.5918



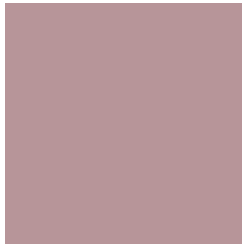
13.7349, 7.0677, 1.2249



0.4983, 0.2548, 0.1176

Previews

White Background



This preview shows how the XYZ color 36.0257, 33.8621, 34.7743 looks on a white background.

Color Contrast Check

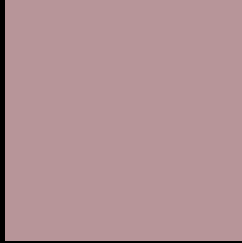
Large Text (above 18pt) WCAG AA × Fail

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 36.0257, 33.8621, 34.7743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

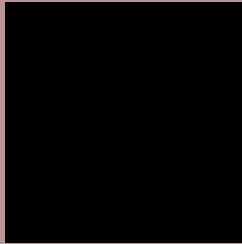
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0257, 33.8621, 34.7743

Background



This preview shows how black text looks on a background with the XYZ color 36.0257, 33.8621, 34.7743.



This preview shows how white text looks on a background with the XYZ color 36.0257, 33.8621,

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

36.0257, 33.8621, 34.7743

Protanopia

32.6400, 34.0218, 36.7448

Deuteranopia

34.5749, 33.8374, 34.4147



Tritanopia

36.6151, 33.8734, 37.4093

Trichromacy



Original Color

36.0257, 33.8621, 34.7743

Protanomaly

33.7048, 33.8363, 36.2071

Deuteranomaly

35.0942, 33.8652, 34.3927

Tritanomaly

36.4429, 33.8045, 36.5025

Monochromacy



Original Color

36.0257, 33.8621, 34.7743

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1227, 34.5361, 36.7660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0257, 33.8621, 34.7743 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(183, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(183, 149, 153)  
}
```

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(183, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 149, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.0257, 33.8621, 34.7743 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(183, 149, 153) }
```


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

```
.border{ border-color:rgb(183, 149, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 149, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(183, 149,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0257, 33.8621, 34.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 149, 153) }
```

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

```
.background{ background-color: rgb(183,  
149, 153) }
```

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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