

Converting Colors

XYZ(37.0794, 36.6157, 33.1306)

Have a look what the booklet for
XYZ(37.0794, 36.6157, 33.1306)
contains.

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Color

**XYZ(37.1006, 36.6591,
33.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	B79E94
RGB	183, 158, 148
RGB Percent	72%, 62%, 58%
CMY	0.2824, 0.3804, 0.4196
CMYK	0.00, 0.14, 0.19, 0.28
HSL	17°, 20%, 65%
HSV	17°, 19%, 72%
XYZ	37.1006, 36.6591, 33.1375
YIQ	164.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

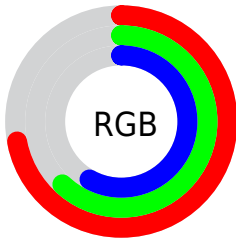
Format	Color
R_{YB}	183, 162, 148
Decimal	12033684
CIE Lab	67.02, 7.57, 8.61
CIE LCh	67, 11.462, 48.690
Yxy	36.6591, 0.3471, 0.3429
Android (android.graphics.Color)	4290223764 (0xFFB79E94)
YUV	164.3350, -8.0532, 16.3692
Hunter-Lab	60.5468, 3.4207, 9.9331

Details

The XYZ color **37.1006, 36.6591, 33.1375** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7033, 39.6011, 50.5621**, and the grayscale version is **35.4781, 37.3258, 40.6477**.

A 20% lighter version of the original color is **70.0515, 70.2035, 65.7356**, and **16.6213, 16.1243, 13.5455** is the 20% darker color. If you saturate the color by 10%, you get **33.6532, 31.9019, 25.3981**, and if you desaturate by 10%, it is **41.0161, 41.9854, 42.1637**.

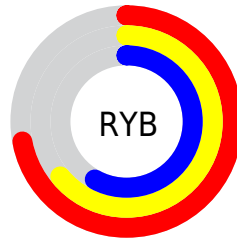
Distribution



Red (72%)

Green (62%)

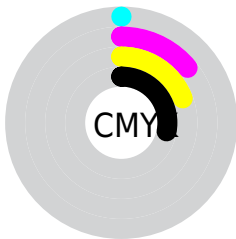
Blue (58%)



Red (72%)

Yellow (64%)

Blue (58%)

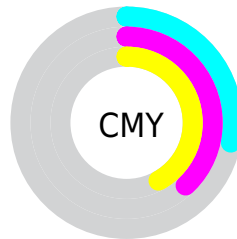


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (28%)



Cyan (28%)

Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1006, 36.6591, 33.1375 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 37.1006, 36.6591, 33.1375 by changing the saturation by 10% instead.


 37.1006, 36.6591,
33.1375


 37.1006, 36.6591,
33.1375

325.0938,
331.8323, 330.9199

 25.4594, 24.9437,
21.9598


 70.0403, 70.0482,
65.7086

 16.5502, 16.0351,
13.6293


 92.0695, 92.4906,
87.9392

 10.0076, 9.5490,
7.7275


118.2922,
119.2774, 114.6910

 5.4663, 5.1010,
3.8358

149.0736,
150.7931, 146.3828

 2.5609, 2.3066,
1.5357

184.7791,
187.4221, 183.4331

 0.9261, 0.7772,
0.2443

225.7741,

 0.0000, 0.0000,

229.5486, 226.2603

0.0000

272.4239,
277.5572, 275.2830

■ 37.1006, 36.6591,
33.1375

■ 37.1006, 36.6591,
33.1375

■ 33.6532, 31.9019,
25.3981

■ 41.0161, 41.9854,
42.1637

■ 30.6529, 27.6899,
18.8841

■ 45.4139, 47.8941,
52.5295

■ 28.0813, 24.0045,
13.5327

■ 50.3111, 54.4040,
64.2877

■ 25.9176, 20.8242,
9.2744

■ 55.7232, 61.5317,
77.4873

■ 24.1389, 18.1262,
6.0324

■ 61.6649, 69.2932,
92.1752

■ 22.7201, 15.8855,
3.7195

■ 67.6959, 77.5219,
106.0030

■ 21.6325, 14.0746,
2.2337

■ 71.6066, 85.3435,
107.3066

■ 20.8309, 12.6580,
1.3913

■ 73.3386, 88.8073,
107.8839

■ 20.7702, 12.5505,
1.3278

Harmonies

Analogous

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



38.1121, 36.6591, 36.9210



37.1006, 36.6591, 33.1375



35.5041, 36.6591, 31.2320

Triad

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



37.1006, 36.6591, 33.1375



31.6623, 36.6591, 38.0645



35.9273, 36.6591, 49.7049

Complementary

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



37.1006, 36.6591, 33.1375



35.7033, 39.6011, 50.5621

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.



34.1909, 36.6591, 50.0756



37.1006, 36.6591, 33.1375



31.7671, 36.6591, 43.0678

Square

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



37.1006, 36.6591, 33.1375



32.3885, 36.6591, 33.9145



32.6796, 36.6591, 47.5600



37.4193, 36.6591, 46.5858

Rectangle

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



37.1006, 36.6591, 33.1375



34.3399, 36.6591, 31.1674



32.6796, 36.6591, 47.5600



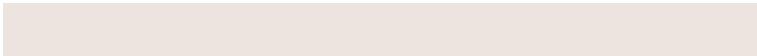
35.3517, 36.6591, 50.1642

Sweetspot

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



37.1016, 36.6608, 33.1383



75.7495, 78.2853, 80.8744



37.6696, 34.2679, 44.2068



16.6210, 17.1429, 17.6051



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.



37.1016, 36.6608, 33.1383



63.7201, 61.9102, 53.1762



40.2853, 43.0282, 34.1995



9.2081, 9.4191, 9.4397



14.5412, 8.8588, 0.9435



0.5673, 0.4216, 0.0515

Inverse Universe

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



35.7033, 39.6011, 50.5621



60.7474, 68.1516, 90.1886



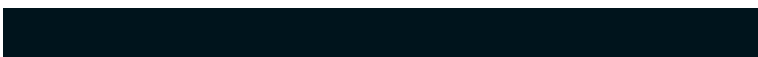
32.5791, 33.3526, 49.5207



9.0439, 9.7651, 11.4876



11.6572, 13.7741, 33.2973



0.4609, 0.5856, 1.1905

Previews

White Background



This preview shows how the XYZ color 37.1006, 36.6591, 33.1375 looks on a white background.

Color Contrast Check

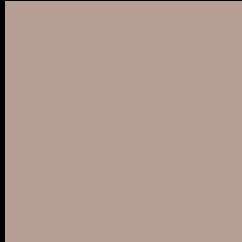
Large Text (above 18pt) WCAG AA × Fail

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 37.1006, 36.6591, 33.1375 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 37.1006, 36.6591, 33.1375

Background



This preview shows how black text looks on a background with the XYZ color 37.1006, 36.6591, 33.1375.



This preview shows how white text looks on a background with the XYZ color 37.1006, 36.6591,

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

37.1006, 36.6591, 33.1375

Protanopia

34.9644, 36.8314, 34.1205

Deuteranopia

37.4099, 36.5663, 33.1033



Tritanopia

38.7040, 36.5470, 41.5736

Trichromacy



Original Color

37.1006, 36.6591, 33.1375

Protanomaly

35.6252, 36.6583, 33.6319

Deuteranomaly

37.1694, 36.4424, 33.0920

Tritanomaly

38.0008, 36.5053, 38.3011

Monochromacy



Original Color

37.1006, 36.6591, 33.1375

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8865, 36.9672, 37.5917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1006, 36.6591, 33.1375 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, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(183, 158, 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(183, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 158, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.1006, 36.6591, 33.1375 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, 158, 148) }
```


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

```
.border{ border-color:rgb(183, 158, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 158, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(183, 158,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1006, 36.6591, 33.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 158, 148) }
```

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

```
.background{ background-color: rgb(183,  
158, 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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