

Converting Colors

XYZ(37.4759, 33.7660, 34.6707)

Have a look what the booklet for
XYZ(37.4759, 33.7660, 34.6707)
contains.

XYZ(37.3610, 33.6271, 34.6585)	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(37.3610, 33.6271,
34.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9199
RGB	191, 145, 153
RGB Percent	75%, 57%, 60%
CMY	0.2510, 0.4314, 0.4000
CMYK	0.00, 0.24, 0.20, 0.25
HSL	350°, 26%, 66%
HSV	350°, 24%, 75%
XYZ	37.3610, 33.6271, 34.6585
YIQ	159.6660, 24.8480, 12.2400

Conversions

Conversions Part 2

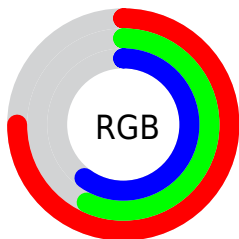
Format	Color
RYB	191, 145, 153
Decimal	12554649
CIELab	64.67, 18.57, 2.52
CIELCh	65, 18.740, 7.733
Yxy	33.6271, 0.3536, 0.3183
Android (android.graphics.Color)	4290744729 (0xFFBF9199)
YUV	159.6660, -3.2863, 27.4799
Hunter-Lab	57.9889, 13.5232, 5.1561

Details

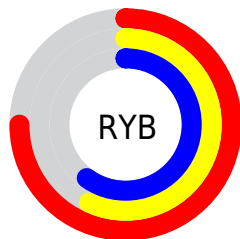
The XYZ color **37.3610, 33.6271, 34.6585** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8565, 46.7010, 51.7683**, and the grayscale version is **33.2673, 34.9998, 38.1148**.

A 20% lighter version of the original color is **70.3973, 65.3083, 67.9269**, and **16.7175, 14.2831, 14.4462** is the 20% darker color. If you saturate the color by 10%, you get **33.4659, 27.7863, 27.3497**, and if you desaturate by 10%, it is **41.9210, 40.5212, 43.0401**.

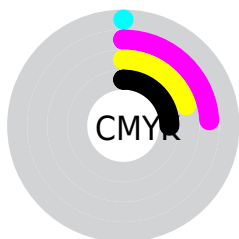
Distribution



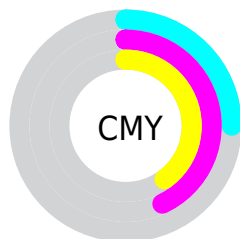
- Red (75%)
- Green (57%)
- Blue (60%)



- Red (75%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (25%)





- Cyan (25%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3610, 33.6271, 34.6585 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 37.3610, 33.6271, 34.6585 by changing the saturation by 10% instead.


 37.3610, 33.6271,
34.6585


 37.3610, 33.6271,
34.6585


326.1993,
318.4661, 337.9167

 25.6621, 22.6073,
23.1185


 70.4379, 65.3534,
68.1019

 16.7024, 14.3038,
14.4749


 92.5466, 86.8286,
90.8425

 10.1165, 8.3323,
8.3092


118.8559,
112.5577, 118.1536

 5.5391, 4.3083,
4.2028

149.7312,
142.9252, 150.4538

 2.6049, 1.8475,
1.7373

185.5378,
178.3154, 188.1617

 0.9485, 0.5165,
0.3861

226.6411,

 0.0000, 0.0000,

219.1126, 231.6958

0.0000

273.4065,
265.7014, 281.4746

■ 37.3610, 33.6271,
34.6585

■ 37.3610, 33.6271,
34.6585

■ 33.4659, 27.7863,
27.3497

■ 41.9210, 40.5212,
43.0401

■ 30.2017, 22.9425,
21.0681

■ 47.1723, 48.5122,
52.5334

■ 27.5355, 19.0411,
15.7678

■ 53.1432, 57.6468,
63.1780

■ 25.4303, 16.0204,
11.3986

■ 59.8596, 67.9675,
75.0108

■ 23.8450, 13.8113,
7.9058

■ 67.3461, 79.5148,
88.0671

■ 22.7325, 12.3344,
5.2289

■ 74.1394, 89.3538,
101.8851

■ 22.0369, 11.4939,
3.2989

■ 75.2959, 89.8164,
107.9755

■ 21.7633, 11.1874,
2.4662

Harmonies

Analogous

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



36.9868, 33.6271, 42.5138



37.3610, 33.6271, 34.6585



36.2255, 33.6271, 28.2827

Triad

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



37.3610, 33.6271, 34.6585



28.9020, 33.6271, 26.1117



30.0430, 33.6271, 52.0905

Complementary

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



37.3610, 33.6271, 34.6585



38.8565, 46.7010, 51.7683

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.



28.0460, 33.6271, 46.4396



37.3610, 33.6271, 34.6585



27.4135, 33.6271, 31.2873

Square

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



37.3610, 33.6271, 34.6585



31.2712, 33.6271, 23.8189



27.1091, 33.6271, 38.6421



32.6620, 33.6271, 53.3260

Rectangle

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



37.3610, 33.6271, 34.6585



34.8008, 33.6271, 25.4707



27.1091, 33.6271, 38.6421



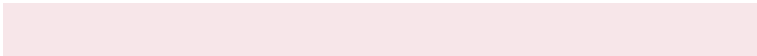
29.2811, 33.6271, 50.6096

Sweetspot

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



37.3619, 33.6286, 34.6592



81.5025, 82.3370, 88.7219



38.9559, 34.0283, 53.8053



17.7684, 17.8843, 19.2503



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.



37.3619, 33.6286, 34.6592



63.0186, 54.3738, 54.8008



39.0936, 38.1137, 32.0863



9.5961, 9.5627, 10.2619



14.3237, 7.3606, 1.7324



0.5822, 0.2968, 0.1794

Inverse Universe

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



37.3619, 33.6286, 34.6592



63.0186, 54.3738, 54.8008



36.6927, 41.0034, 55.2709



9.5961, 9.5627, 10.2619



14.3237, 7.3606, 1.7324



0.5822, 0.2968, 0.1794

Previews

White Background



This preview shows how the XYZ color 37.3610, 33.6271, 34.6585 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 37.3610, 33.6271, 34.6585 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 37.3610, 33.6271, 34.6585

Background



This preview shows how black text looks on a background with the XYZ color 37.3610, 33.6271, 34.6585.



This preview shows how white text looks on a background with the XYZ color 37.3610, 33.6271,

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

37.3610, 33.6271, 34.6585

Protanopia

32.4446, 33.6511, 37.5862

Deuteranopia

34.3513, 33.7221, 34.4043



Tritanopia

37.6120, 33.7275, 35.9802

Trichromacy



Original Color

37.3610, 33.6271, 34.6585

Protanomaly

34.1086, 33.5487, 36.5761

Deuteranomaly

35.2373, 33.4652, 34.3080

Tritanomaly

37.5277, 33.6937, 35.5360

Monochromacy



Original Color

37.3610, 33.6271, 34.6585

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.6017, 34.5349, 36.7405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3610, 33.6271, 34.6585 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(191, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 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(191, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.3610, 33.6271, 34.6585 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(191, 145, 153) }
```


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

```
.border{ border-color:rgb(191, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 145, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 145, 153); box-shadow:4px 4px 4px 4px rgb(191, 145, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3610, 33.6271, 34.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 153) }
```

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

```
.background{ background-color: rgb(191,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor