

Converting Colors

XYZ(37.6034, 33.3567, 34.5271)

Have a look what the booklet for
XYZ(37.6034, 33.3567, 34.5271)
contains.

XYZ(37.5645, 33.2823, 34.5812)	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(37.5645, 33.2823,
34.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	C18F99
RGB	193, 143, 153
RGB Percent	76%, 56%, 60%
CMY	0.2431, 0.4392, 0.4000
CMYK	0.00, 0.26, 0.21, 0.24
HSL	348°, 29%, 66%
HSV	348°, 26%, 76%
XYZ	37.5645, 33.2823, 34.5812
YIQ	159.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

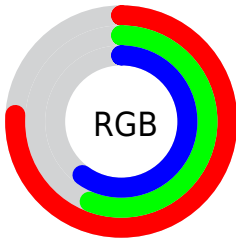
Format	Color
R_{YB}	193, 143, 153
Decimal	12685209
CIE _{Lab}	64.39, 20.43, 2.15
CIE _{LCh}	64, 20.539, 5.998
Yxy	33.2823, 0.3563, 0.3157
Android (android.graphics.Color)	4290875289 (0xFFC18F99)
YUV	159.0900, -3.0024, 29.7391
Hunter-Lab	57.6908, 15.2686, 4.8438

Details

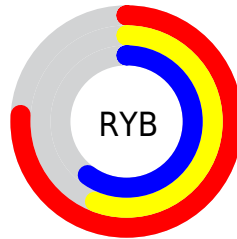
The XYZ color **37.5645, 33.2823, 34.5812** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9463, 47.3992, 51.8984**, and the grayscale version is **33.0014, 34.7200, 37.8101**.

A 20% lighter version of the original color is **70.6531, 64.7615, 67.8079**, and **16.8729, 14.1026, 14.4031** is the 20% darker color. If you saturate the color by 10%, you get **33.7187, 27.5012, 27.4090**, and if you desaturate by 10%, it is **42.0757, 40.1294, 42.7902**.

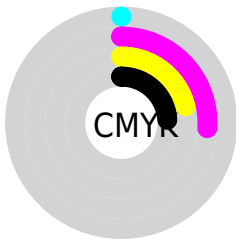
Distribution



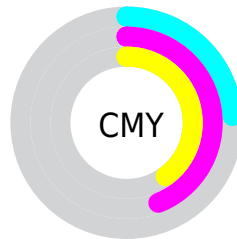
- Red (76%)
- Green (56%)
- Blue (60%)



- Red (76%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5645, 33.2823, 34.5812 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 37.5645, 33.2823, 34.5812 by changing the saturation by 10% instead.

■ 37.5645, 33.2823,
34.5812

■ 37.5645, 33.2823,
34.5812

327.0613,
316.9199, 337.5638

■ 25.8205, 22.3428,
23.0595

■ 70.7483, 64.8160,
67.9807

■ 16.8214, 14.1090,
14.4317

■ 92.9189, 86.1790,
90.6955

■ 10.2018, 8.1965,
8.2794

119.2958,
111.7853, 117.9784

■ 5.5962, 4.2209,
4.1839

150.2443,
142.0193, 150.2480

■ 2.6395, 1.7979,
1.7268

186.1297,
177.2653, 187.9228

■ 0.9661, 0.4859,
0.3790

227.3174,

■ 0.0000, 0.0000,

217.9078, 231.4214

0.0000

274.1729,
264.3312, 281.1622

■ 37.5645, 33.2823,
34.5812

■ 37.5645, 33.2823,
34.5812

■ 33.7187, 27.5012,
27.4090

■ 42.0757, 40.1294,
42.7902

■ 30.5037, 22.7279,
21.2301

■ 47.2790, 48.0876,
52.0733

■ 27.8860, 18.9058,
16.0005

■ 53.2034, 57.2051,
62.4682

■ 25.8277, 15.9706,
11.6723

■ 59.8751, 67.5259,
74.0103

■ 24.2866, 13.8501,
8.1934

■ 67.3190, 79.0915,
86.7335

■ 23.2140, 12.4608,
5.5058

■ 74.3330, 89.4897,
100.2615

■ 22.5501, 11.6979,
3.5432

■ 75.8024, 90.0775,
107.9992

■ 22.3518, 11.4813,
2.9219

Harmonies

Analogous

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



37.0559, 33.2823, 43.1947



37.5645, 33.2823, 34.5812



36.4065, 33.2823, 27.5706

Triad

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



37.5645, 33.2823, 34.5812



28.4414, 33.2823, 24.7052



29.4004, 33.2823, 53.0381

Complementary

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



37.5645, 33.2823, 34.5812



38.9463, 47.3992, 51.8984

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.



27.2976, 33.2823, 46.5564



37.5645, 33.2823, 34.5812



26.7683, 33.2823, 30.0728

Square

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



37.5645, 33.2823, 34.5812



31.0496, 33.2823, 22.4620



26.3627, 33.2823, 37.9485



32.2253, 33.2823, 54.7379

Rectangle

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



37.5645, 33.2823, 34.5812



34.8850, 33.2823, 24.4566



26.3627, 33.2823, 37.9485



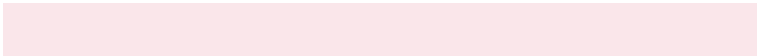
28.5912, 33.2823, 51.3023

Sweetspot

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



37.5654, 33.2838, 34.5819



82.4974, 82.7830, 89.4011



38.9776, 33.5641, 54.8764



17.3865, 17.2819, 18.6249



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.



37.5654, 33.2838, 34.5819



63.2917, 53.6023, 54.5422



39.1781, 37.7757, 31.2151



10.1537, 10.1101, 10.9000



14.8898, 7.6457, 2.0660



0.6683, 0.3403, 0.2208

Inverse Universe

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



37.5654, 33.2838, 34.5819



63.2917, 53.6023, 54.5422



36.8749, 41.5318, 56.5251



10.1537, 10.1101, 10.9000



14.8898, 7.6457, 2.0660



0.6683, 0.3403, 0.2208

Previews

White Background



This preview shows how the XYZ color 37.5645, 33.2823, 34.5812 looks on a white background.

Color Contrast Check

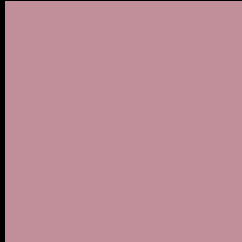
Large Text (above 18pt) WCAG AA × Fail

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 37.5645, 33.2823, 34.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

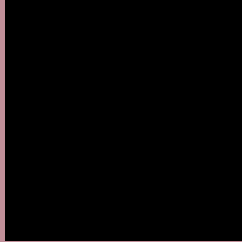
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5645, 33.2823, 34.5812

Background



This preview shows how black text looks on a background with the XYZ color 37.5645, 33.2823, 34.5812.



This preview shows how white text looks on a background with the XYZ color 37.5645, 33.2823,

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

37.5645, 33.2823, 34.5812

Protanopia

32.3342, 33.5841, 38.0359

Deuteranopia

33.8861, 33.2518, 33.9104



Tritanopia

37.6475, 33.3155, 35.0181

Trichromacy



Original Color

37.5645, 33.2823, 34.5812

Protanomaly

33.9470, 33.2255, 36.5222

Deuteranomaly

35.0798, 33.1501, 34.2555

Tritanomaly

37.6475, 33.3155, 35.0181

Monochromacy



Original Color

37.5645, 33.2823, 34.5812

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.2716, 33.8747, 36.6305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5645, 33.2823, 34.5812 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(193, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(193, 143, 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(193, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 143, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.5645, 33.2823, 34.5812 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(193, 143, 153) }
```


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

```
.border{ border-color:rgb(193, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(193, 143,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5645, 33.2823, 34.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 143, 153) }
```

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

```
.background{ background-color: rgb(193,  
143, 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