

Converting Colors

XYZ(34.3797, 32.5668, 33.7522)

Have a look what the booklet for
XYZ(34.3797, 32.5668, 33.7522)
contains.

XYZ(34.3797, 32.5668, 33.7522)	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(34.3797, 32.5668,
33.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	B29397
RGB	178, 147, 151
RGB Percent	70%, 58%, 59%
CMY	0.3020, 0.4235, 0.4078
CMYK	0.00, 0.17, 0.15, 0.30
HSL	352°, 17%, 64%
HSV	352°, 17%, 70%
XYZ	34.3797, 32.5668, 33.7522
YIQ	156.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

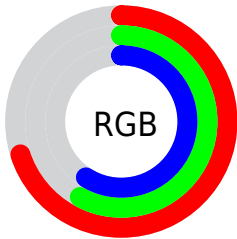
Format	Color
RYB	178, 147, 151
Decimal	11703191
CIELab	63.81, 12.25, 2.25
CIElCh	64, 12.454, 10.386
Yxy	32.5668, 0.3414, 0.3234
Android (android.graphics.Color)	4289893271 (0xFFB29397)
YUV	156.7250, -2.8224, 18.6582
Hunter-Lab	57.0673, 7.6679, 4.8803




Details

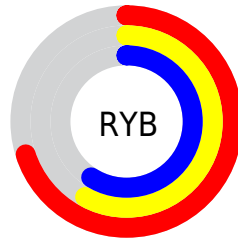
The XYZ color **34.3797, 32.5668, 33.7522** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.5942, 41.1005, 46.1035**, and the grayscale version is **31.9319, 33.5948, 36.5848**.




A 20% lighter version of the original color is **65.8378, 63.6735, 66.5778**, and **14.9406, 13.6458, 13.9030** is the 20% darker color. If you saturate the color by 10%, you get **30.6456, 26.9827, 26.6983**, and if you desaturate by 10%, it is **38.7095, 39.0766, 41.8226**.

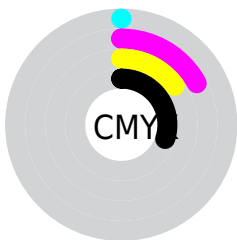
Distribution







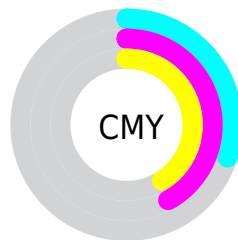
-  Red (70%)
-  Green (58%)
-  Blue (59%)






-  Red (70%)
-  Yellow (58%)
-  Blue (59%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (15%)
-  Black (30%)





-  Cyan (30%)
-  Magenta (42%)
-  Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3797, 32.5668, 33.7522 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 34.3797, 32.5668, 33.7522 by changing the saturation by 10% instead.


 34.3797, 32.5668,
33.7522


 34.3797, 32.5668,
33.7522


313.3780,
313.6932, 333.7611

 23.3497, 21.7948,
22.4275

 65.8641, 63.6986,
66.6776

 14.9741, 13.7062,
13.9700


 87.0492, 84.8272,
89.1154

 8.8874, 7.9166,
7.9613


112.3500,
110.1768, 116.0946

 4.7243, 4.0416,
3.9828

142.1320,
140.1317, 148.0338

 2.1195, 1.6969,
1.6159

176.7604,
175.0764, 185.3515

 0.6998, 0.4216,
0.3021

216.6007,

 0.0000, 0.0000,

215.3953, 228.4662

0.0000

262.0181,
261.4728, 277.7966

■ 34.3797, 32.5668,
33.7522

■ 34.3797, 32.5668,
33.7522

■ 30.6456, 26.9827,
26.6983

■ 38.7095, 39.0766,
41.8226

■ 27.4785, 22.2782,
20.6184

■ 43.6568, 46.5469,
50.9454

■ 24.8513, 18.4096,
15.4702

■ 49.2456, 55.0162,
61.1574

■ 22.7336, 15.3279,
11.2075

■ 55.4976, 64.5192,
72.4930

■ 21.0919, 12.9790,
7.7800

■ 62.4337, 75.0893,
84.9850

■ 19.8889, 11.3016,
5.1324

■ 70.0738, 86.7583,
98.6650

■ 19.0812, 10.2249,
3.2025

■ 72.1702, 88.2050,
107.8292

■ 18.6075, 9.6439,
1.9153

■ 18.5143, 9.5267,
1.6711

Harmonies

Analogous

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



34.2298, 32.5668, 38.7910



34.3797, 32.5668, 33.7522



33.5858, 32.5668, 29.5801

Triad

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



34.3797, 32.5668, 33.7522



28.8262, 32.5668, 28.6199



29.8389, 32.5668, 45.3243

Complementary

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



34.3797, 32.5668, 33.7522



35.5942, 41.1005, 46.1035

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.



28.4630, 32.5668, 42.0710



34.3797, 32.5668, 33.7522



27.8938, 32.5668, 32.3249

Square

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



34.3797, 32.5668, 33.7522



30.3517, 32.5668, 26.8074



27.7633, 32.5668, 37.2239



31.5638, 32.5668, 45.7982

Rectangle

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



34.3797, 32.5668, 33.7522



32.6450, 32.5668, 27.7307



27.7633, 32.5668, 37.2239



29.3220, 32.5668, 44.5060

Sweetspot

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



34.3806, 32.5683, 33.7529



72.1830, 73.8567, 79.5189



35.8964, 33.0667, 46.6102



15.8593, 16.1626, 17.3717



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3806, 32.5683, 33.7529



59.5453, 54.8635, 55.9392



35.9170, 36.1518, 32.6906



8.5395, 8.5225, 9.0734



13.2607, 6.8218, 1.2670



0.4314, 0.2203, 0.1142

Inverse Universe

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



34.3806, 32.5683, 33.7529



59.5453, 54.8635, 55.9392



33.8213, 36.9218, 47.4637



8.5395, 8.5225, 9.0734



13.2607, 6.8218, 1.2670



0.4314, 0.2203, 0.1142

Previews

White Background



This preview shows how the XYZ color 34.3797, 32.5668, 33.7522 looks on a white background.

Color Contrast Check

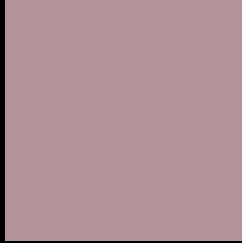
Large Text (above 18pt) WCAG AA × Fail

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 34.3797, 32.5668, 33.7522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

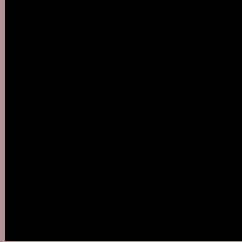
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3797, 32.5668, 33.7522

Background



This preview shows how black text looks on a background with the XYZ color 34.3797, 32.5668, 33.7522.



This preview shows how white text looks on a background with the XYZ color 34.3797, 32.5668,

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

34.3797, 32.5668, 33.7522

Protanopia

31.3766, 32.6459, 35.6579

Deuteranopia

33.2060, 32.6726, 33.4105



Tritanopia

34.9551, 32.5758, 36.3437

Trichromacy



Original Color

34.3797, 32.5668, 33.7522

Protanomaly

32.4164, 32.4656, 35.1298

Deuteranomaly

33.7080, 32.6956, 33.3884

Tritanomaly

34.7857, 32.5080, 35.4516

Monochromacy



Original Color

34.3797, 32.5668, 33.7522

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.8247, 33.1484, 35.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3797, 32.5668, 33.7522 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(178, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(178, 147, 151)  
}
```

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(178, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 147, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.3797, 32.5668, 33.7522 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(178, 147, 151) }
```


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

```
.border{ border-color:rgb(178, 147, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(178, 147,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3797, 32.5668, 33.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 147, 151) }
```

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

```
.background{ background-color: rgb(178,  
147, 151) }
```

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