

Converting Colors

XYZ(34.8611, 32.8024, 29.3058)

Have a look what the booklet for
XYZ(34.8611, 32.8024, 29.3058)
contains.

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Color

**XYZ(34.9345, 32.9512,
29.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	B8938C
RGB	184, 147, 140
RGB Percent	72%, 58%, 55%
CMY	0.2784, 0.4235, 0.4510
CMYK	0.00, 0.20, 0.24, 0.28
HSL	10°, 24%, 64%
HSV	10°, 24%, 72%
XYZ	34.9345, 32.9512, 29.3299
YIQ	157.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

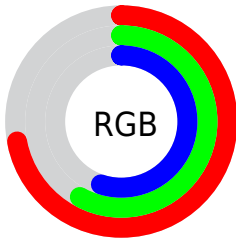
Format	Color
RYB	184, 148, 140
Decimal	12096396
CIELab	64.12, 12.81, 8.97
CIELCh	64, 15.639, 35.020
Yxy	32.9512, 0.3594, 0.3389
Android (android.graphics.Color)	4290286476 (0xFFB8938C)
YUV	157.2650, -8.5116, 23.4466
Hunter-Lab	57.4031, 8.1764, 9.8882

Details

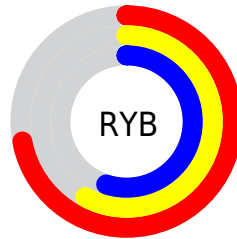
The XYZ color **34.9345, 32.9512, 29.3299** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1887, 40.4794, 51.3063**, and the grayscale version is **32.1973, 33.8741, 36.8889**.

A 20% lighter version of the original color is **66.8999, 64.3691, 59.9374**, and **15.2343, 13.8498, 11.5432** is the 20% darker color. If you saturate the color by 10%, you get **31.4435, 27.9619, 22.0229**, and if you desaturate by 10%, it is **38.9777, 38.6815, 37.9410**.

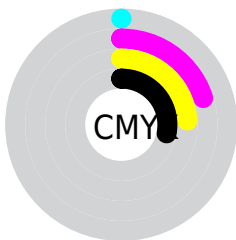
Distribution



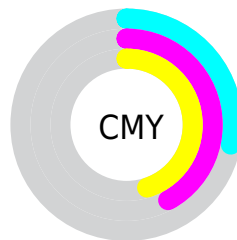
- Red (72%)
- Green (58%)
- Blue (55%)



- Red (72%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9345, 32.9512, 29.3299 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 34.9345, 32.9512, 29.3299 by changing the saturation by 10% instead.


 34.9345, 32.9512,
29.3299


 34.9345, 32.9512,
29.3299


315.7922,
315.4298, 312.8779


 23.7787, 22.0891,
19.0828


 66.7190, 64.2993,
59.6492

 15.2934, 13.9224,
11.5527


 88.0784, 85.5541,
80.5586

 9.1132, 8.0667,
6.3211

 113.5697,
111.0419, 105.8591

 4.8728, 4.1376,
2.9693

143.5582,
141.1471, 135.9693

 2.2068, 1.7509,
1.0790

178.4094,
176.2541, 171.3077

 0.7463, 0.4563,
0.0000

218.4886,

 0.0000, 0.0000,

216.7473, 212.2929

0.0000

264.1610,
263.0110, 259.3435

■ 34.9345, 32.9512,
29.3299

■ 34.9345, 32.9512,
29.3299

■ 31.4435, 27.9619,
22.0229

■ 38.9777, 38.6815,
37.9410

■ 28.4781, 23.6788,
15.9544

■ 43.5931, 45.1765,
47.9135

■ 26.0131, 20.0712,
11.0560

■ 48.8030, 52.4648,
59.3037

■ 24.0204, 17.1043,
7.2519

■ 54.6274, 60.5719,
72.1640

■ 22.4690, 14.7402,
4.4573

■ 61.0857, 69.5222,
86.5445

■ 21.3239, 12.9369,
2.5749

■ 68.1963, 79.3392,
102.4925

■ 20.5447, 11.6468,
1.4880

■ 73.5773, 88.9304,
107.8951

■ 20.2137, 11.0833,
1.0739

Harmonies

Analogous

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



35.7518, 32.9512, 34.8226



34.9345, 32.9512, 29.3299



33.1506, 32.9512, 25.9273

Triad

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



34.9345, 32.9512, 29.3299



27.6184, 32.9512, 30.9743



31.6929, 32.9512, 49.4376

Complementary

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



34.9345, 32.9512, 29.3299



35.1887, 40.4794, 51.3063

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.



29.5564, 32.9512, 48.0963



34.9345, 32.9512, 29.3299



27.2689, 32.9512, 36.9551

Square

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



34.9345, 32.9512, 29.3299



28.9403, 32.9512, 26.7954



27.9622, 32.9512, 43.3352



33.8248, 32.9512, 46.8116

Rectangle

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



34.9345, 32.9512, 29.3299



31.6900, 32.9512, 25.0563



27.9622, 32.9512, 43.3352



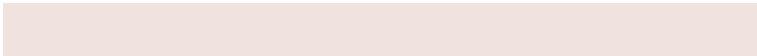
30.9512, 32.9512, 49.4385

Sweetspot

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



34.9354, 32.9527, 29.3306



76.2275, 77.9672, 80.7878



37.1213, 32.1372, 46.0512



16.3245, 16.6555, 17.1812



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.



34.9354, 32.9527, 29.3306



59.6819, 54.5323, 45.5032



38.6148, 40.3115, 30.5570



9.1170, 9.2370, 9.4093



13.9659, 7.7081, 0.7517



0.5287, 0.3445, 0.0386

Inverse Universe

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



35.1887, 40.4794, 51.3063



60.2202, 70.6775, 92.6728



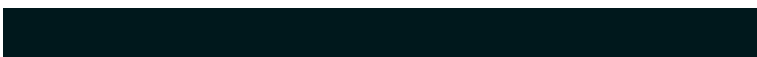
31.2553, 32.6126, 49.9952



9.1417, 9.9606, 11.5202



14.0510, 18.5616, 34.0953



0.5283, 0.7204, 1.2129

Previews

White Background



This preview shows how the XYZ color 34.9345, 32.9512, 29.3299 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 34.9345, 32.9512, 29.3299 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 34.9345, 32.9512, 29.3299

Background



This preview shows how black text looks on a background with the XYZ color 34.9345, 32.9512, 29.3299.



This preview shows how white text looks on a background with the XYZ color 34.9345, 32.9512,

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

34.9345, 32.9512, 29.3299

Protanopia

31.4533, 33.0334, 31.1039

Deuteranopia

33.6980, 33.0239, 29.0243



Tritanopia

36.3758, 33.0902, 35.9223

Trichromacy



Original Color

34.9345, 32.9512, 29.3299

Protanomaly

32.5483, 32.8747, 30.6166

Deuteranomaly

34.2300, 33.0623, 29.0036

Tritanomaly

35.7915, 33.0741, 33.3517

Monochromacy



Original Color

34.9345, 32.9512, 29.3299

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.9135, 33.2323, 33.9579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9345, 32.9512, 29.3299 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(184, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 140)  
}
```

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(184, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.9345, 32.9512, 29.3299 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(184, 147, 140) }
```


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

```
.border{ border-color:rgb(184, 147, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(184, 147,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9345, 32.9512, 29.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 147, 140) }
```

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

```
.background{ background-color: rgb(184,  
147, 140) }
```

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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