

Converting Colors

XYZ(34.6312, 32.2551, 29.9398)

Have a look what the booklet for
XYZ(34.6312, 32.2551, 29.9398)
contains.

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Color

**XYZ(34.7750, 32.3941,
30.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	B8918E
RGB	184, 145, 142
RGB Percent	72%, 57%, 56%
CMY	0.2784, 0.4314, 0.4431
CMYK	0.00, 0.21, 0.23, 0.28
HSL	4°, 23%, 64%
HSV	4°, 23%, 72%
XYZ	34.7750, 32.3941, 30.0110
YIQ	156.3190, 24.2070, 7.3350

Conversions

Conversions Part 2

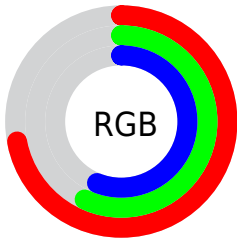
Format	Color
RYB	184, 145, 142
Decimal	12095886
CIELab	63.67, 14.22, 7.20
CIELCh	64, 15.938, 26.854
Yxy	32.3941, 0.3578, 0.3333
Android (android.graphics.Color)	4290285966 (0xFFB8918E)
YUV	156.3190, -7.0593, 24.2762
Hunter-Lab	56.9158, 9.4591, 8.5782

Details

The XYZ color **34.7750, 32.3941, 30.0110** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3305, 42.2580, 51.5893**, and the grayscale version is **31.7661, 33.4204, 36.3948**.

A 20% lighter version of the original color is **66.6629, 63.5331, 60.9742**, and **15.1404, 13.5239, 11.9376** is the 20% darker color. If you saturate the color by 10%, you get **31.0889, 27.0531, 22.5200**, and if you desaturate by 10%, it is **39.0835, 38.6144, 38.8353**.

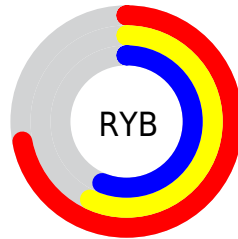
Distribution



Red (72%)

Green (57%)

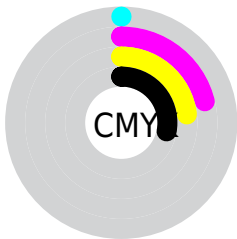
Blue (56%)



Red (72%)

Yellow (57%)

Blue (56%)

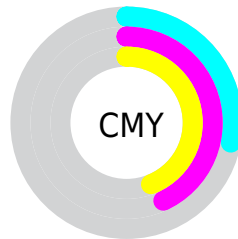


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (28%)



Cyan (28%)


Magenta (43%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7750, 32.3941, 30.0110 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 34.7750, 32.3941, 30.0110 by changing the saturation by 10% instead.


 34.7750, 32.3941,
30.0110


 34.7750, 32.3941,
30.0110


315.0995,
312.9106, 316.1646


 23.6553, 21.6627,
19.5948


 66.4734, 63.4284,
60.7408

 15.2015, 13.6093,
11.9197


 87.7828, 84.5001,
81.8915

 9.0481, 7.8494,
6.5672


 113.2195,
109.7873, 107.4574

 4.8300, 3.9987,
3.1186

143.1488,
139.6745, 137.8571

 2.1816, 1.6729,
1.1555

177.9361,
174.5460, 173.5091

 0.7330, 0.4060,
0.0000

217.9467,

 0.0000, 0.0000,

214.7863, 214.8321

0.0000

263.5461,
260.7797, 262.2444

■ 34.7750, 32.3941,
30.0110

■ 34.7750, 32.3941,
30.0110

■ 31.0889, 27.0531,
22.5200

■ 39.0835, 38.6144,
38.8353

■ 27.9940, 22.5476,
16.2955

■ 44.0386, 45.7465,
49.0513

■ 25.4601, 18.8366,
11.2682

■ 49.6663, 53.8267,
60.7161

■ 23.4536, 15.8740,
7.3611

■ 55.9905, 62.8880,
73.8833

■ 21.9371, 13.6089,
4.4883

■ 63.0340, 72.9616,
88.6035

■ 20.8683, 11.9841,
2.5515

■ 70.8184, 84.0777,
104.9252

■ 20.1978, 10.9331,
1.4334

■ 73.5772, 88.9304,
107.8951

■ 19.9132, 10.4823,
0.9737

Harmonies

Analogous

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



35.2718, 32.3941, 35.9497



34.7750, 32.3941, 30.0110



33.1937, 32.3941, 25.9578

Triad

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



34.7750, 32.3941, 30.0110



27.3377, 32.3941, 28.9753



30.5550, 32.3941, 49.0065

Complementary

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



34.7750, 32.3941, 30.0110



36.3305, 42.2580, 51.5893

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.



28.5045, 32.3941, 46.5830



34.7750, 32.3941, 30.0110



26.7042, 32.3941, 34.6022

Square

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



34.7750, 32.3941, 30.0110



28.8933, 32.3941, 25.4125



27.1210, 32.3941, 41.1138



32.7671, 32.3941, 47.3987

Rectangle

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



34.7750, 32.3941, 30.0110



31.7750, 32.3941, 24.6154



27.1210, 32.3941, 41.1138



29.8249, 32.3941, 48.6299

Sweetspot

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



34.7759, 32.3956, 30.0117



75.8302, 77.1726, 80.6553



37.8014, 32.8811, 48.1782



16.2324, 16.4713, 17.1505



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.



34.7759, 32.3956, 30.0117



59.8119, 54.0522, 47.8283



38.2498, 39.3434, 31.1696



9.0548, 9.1126, 9.3886



13.7445, 7.2653, 0.6779



0.5020, 0.2911, 0.0297

Inverse Universe

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



36.3305, 42.2580, 51.5893



63.0874, 74.8429, 93.3257



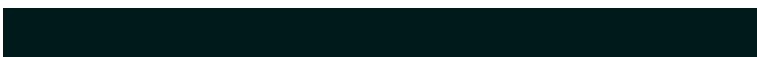
32.4129, 34.4228, 50.2835



9.2102, 10.0977, 11.5431



16.0006, 22.4609, 34.7451



0.5806, 0.8248, 1.2304

Previews

White Background



This preview shows how the XYZ color 34.7750, 32.3941, 30.0110 looks on a white background.

Color Contrast Check

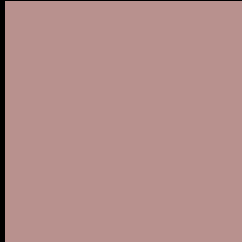
Large Text (above 18pt) WCAG AA × Fail

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 34.7750, 32.3941, 30.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

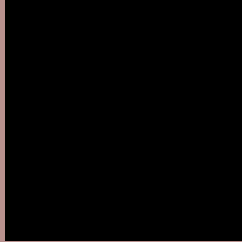
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7750, 32.3941, 30.0110

Background



This preview shows how black text looks on a background with the XYZ color 34.7750, 32.3941, 30.0110.



This preview shows how white text looks on a background with the XYZ color 34.7750, 32.3941,

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

34.7750, 32.3941, 30.0110

Protanopia

31.1201, 32.5887, 32.2538

Deuteranopia

33.0107, 32.4167, 29.7165



Tritanopia

35.6628, 32.2923, 34.9253

Trichromacy



Original Color

34.7750, 32.3941, 30.0110

Protanomaly

32.3259, 32.5024, 31.3579

Deuteranomaly

33.7577, 32.5679, 29.7063

Tritanomaly

35.4859, 32.4628, 33.2498

Monochromacy



Original Color

34.7750, 32.3941, 30.0110

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5400, 32.7978, 33.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7750, 32.3941, 30.0110 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, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 142)  
}
```

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, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.7750, 32.3941, 30.0110 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, 145, 142) }
```


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

```
.border{ border-color:rgb(184, 145, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7750, 32.3941, 30.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 142) }
```

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

```
.background{ background-color: rgb(184,  
145, 142) }
```

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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