

Converting Colors

XYZ(34.7630, 33.7235, 32.5036)

Have a look what the booklet for
XYZ(34.7630, 33.7235, 32.5036)
contains.

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Color

**XYZ(34.7720, 33.7363,
32.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	B29794
RGB	178, 151, 148
RGB Percent	70%, 59%, 58%
CMY	0.3020, 0.4078, 0.4196
CMYK	0.00, 0.15, 0.17, 0.30
HSL	6°, 16%, 64%
HSV	6°, 17%, 70%
XYZ	34.7720, 33.7363, 32.6961
YIQ	158.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

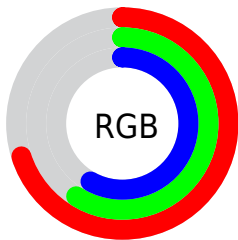
Format	Color
R_{YB}	178, 151, 148
Decimal	11704212
CIE _{Lab}	64.75, 9.53, 5.30
CIE _{LCh}	65, 10.905, 29.077
Yxy	33.7363, 0.3436, 0.3333
Android (android.graphics.Color)	4289894292 (0xFFB29794)
YUV	158.7310, -5.2904, 16.8989
Hunter-Lab	58.0830, 5.2158, 7.2825

Details

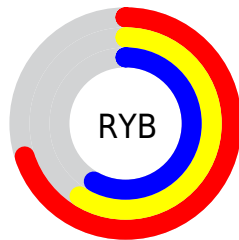
The XYZ color **34.7720, 33.7363, 32.6961** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.5784, 40.1693, 47.9980**, and the grayscale version is **32.8505, 34.5613, 37.6372**.

A 20% lighter version of the original color is **66.4237, 65.4193, 65.0034**, and **15.1723, 14.3374, 13.2770** is the 20% darker color. If you saturate the color by 10%, you get **31.0651, 28.4062, 25.0356**, and if you desaturate by 10%, it is **39.0478, 39.8566, 41.6160**.

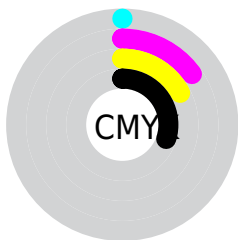
Distribution



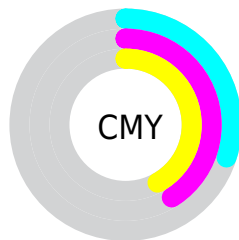
- Red (70%)
- Green (59%)
- Blue (58%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7720, 33.7363, 32.6961 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 34.7720, 33.7363, 32.6961 by changing the saturation by 10% instead.


 34.7720, 33.7363,
32.6961


 34.7720, 33.7363,
32.6961


315.0865,
318.9546, 328.8680

 23.6530, 22.6911,
21.6245


 66.4688, 65.5234,
65.0113

 15.1997, 14.3656,
13.3856


 87.7772, 87.0340,
87.0920

 9.0469, 8.3754,
7.5608


113.2129,
112.8020, 113.6795

 4.8292, 4.3361,
3.7315

143.1411,
143.2116, 145.1924

 2.1811, 1.8633,
1.4792

177.9272,
178.6473, 182.0491

 0.7327, 0.5262,
0.2024

217.9365,

 0.0000, 0.0000,

219.4934, 224.6683

0.0000

263.5345,
266.1344, 273.4684

■ 34.7720, 33.7363,
32.6961

■ 34.7720, 33.7363,
32.6961

■ 31.0651, 28.4062,
25.0356

■ 39.0478, 39.8566,
41.6160

■ 27.9003, 23.8299,
18.5757

■ 43.9121, 46.7928,
51.8461

■ 25.2530, 19.9745,
13.2561

■ 49.3871, 54.5749,
63.4373

■ 23.0954, 16.8034,
9.0105

■ 55.4930, 63.2302,
76.4368

■ 21.3974, 14.2763,
5.7656

■ 62.2491, 72.7847,
90.8899

■ 20.1252, 12.3490,
3.4391

■ 69.6737, 83.2631,
106.8396

■ 19.2404, 10.9715,
1.9355

■ 72.1702, 88.2050,
107.8292

■ 18.6945, 10.0845,
1.1220

■ 18.5736, 9.8918,
0.9304

Harmonies

Analogous

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



35.1741, 33.7363, 36.8722



34.7720, 33.7363, 32.6961



33.6391, 33.7363, 29.8152

Triad

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



34.7720, 33.7363, 32.6961



29.5488, 33.7363, 32.4739



32.0168, 33.7363, 46.0565

Complementary

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



34.7720, 33.7363, 32.6961



35.5784, 40.1693, 47.9980

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.



30.5415, 33.7363, 44.6460



34.7720, 33.7363, 32.6961



29.1454, 33.7363, 36.5943

Square

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



34.7720, 33.7363, 32.6961



30.6229, 33.7363, 29.6944



29.5029, 33.7363, 41.0894



33.5524, 33.7363, 44.8045

Rectangle

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



34.7720, 33.7363, 32.6961



32.6398, 33.7363, 28.8934



29.5029, 33.7363, 41.0894



31.4977, 33.7363, 45.8763

Sweetspot

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



34.7729, 33.7378, 32.6968



72.2901, 74.3903, 78.5700



36.6882, 33.7404, 45.1366



15.8860, 16.2958, 17.1349



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.



34.7729, 33.7378, 32.6968



60.5951, 57.6449, 54.1868



37.3420, 38.8759, 33.5532



8.5626, 8.6376, 8.8685



13.3122, 7.1230, 0.6732



0.4410, 0.2685, 0.0286

Inverse Universe

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



35.5784, 40.1693, 47.9980



62.3147, 71.3826, 86.8751



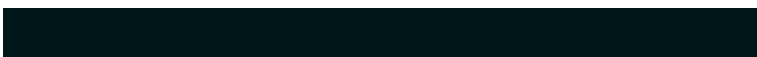
32.8199, 34.6523, 47.0785



8.6685, 9.4833, 10.8799



14.7929, 20.3863, 33.2923



0.4863, 0.6831, 1.0545

Previews

White Background



This preview shows how the XYZ color 34.7720, 33.7363, 32.6961 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 34.7720, 33.7363, 32.6961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

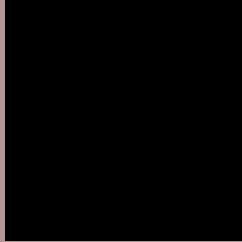
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7720, 33.7363, 32.6961

Background



This preview shows how black text looks on a background with the XYZ color 34.7720, 33.7363, 32.6961.



This preview shows how white text looks on a background with the XYZ color 34.7720, 33.7363,

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

34.7720, 33.7363, 32.6961

Protanopia

32.3408, 33.9254, 34.1219

Deuteranopia

34.4780, 33.8247, 32.7286



Tritanopia

36.0029, 33.7714, 38.3392

Trichromacy



Original Color

34.7720, 33.7363, 32.6961

Protanomaly

33.1627, 33.8602, 33.6420

Deuteranomaly

34.7050, 33.9417, 32.7392

Tritanomaly

35.4975, 33.7967, 36.1050

Monochromacy



Original Color

34.7720, 33.7363, 32.6961

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5307, 34.2505, 35.8541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7720, 33.7363, 32.6961 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, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(178, 151, 148)  
}
```

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, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 151, 148) }
```

Border

The CSS property to change the border of an element to XYZ 34.7720, 33.7363, 32.6961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

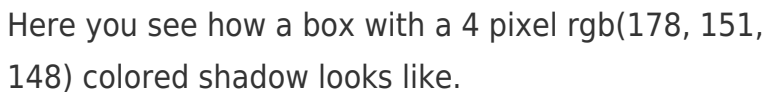
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 151, 148) }
```


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

```
.border{ border-color:rgb(178, 151, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 151, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 151, 148); box-shadow:4px 4px 4px 4px rgb(178, 151, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7720, 33.7363, 32.6961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 151, 148) }
```

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

```
.background{ background-color: rgb(178,  
151, 148) }
```

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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