

Converting Colors

XYZ(33.7796, 32.7192, 32.5482)

Have a look what the booklet for
XYZ(33.7796, 32.7192, 32.5482)
contains.

XYZ(33.7719, 32.7470, 32.5578)	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(33.7719, 32.7470,
32.5578)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9594
RGB	175, 149, 148
RGB Percent	69%, 58%, 58%
CMY	0.3137, 0.4157, 0.4196
CMYK	0.00, 0.15, 0.15, 0.31
HSL	2°, 14%, 63%
HSV	2°, 15%, 69%
XYZ	33.7719, 32.7470, 32.5578
YIQ	156.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

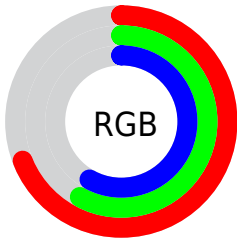
Format	Color
R _Y B	175, 149, 148
Decimal	11507092
CIE Lab	63.96, 9.50, 4.11
CIE LCh	64, 10.357, 23.406
Yxy	32.7470, 0.3409, 0.3305
Android (android.graphics.Color)	4289697172 (0xFFAF9594)
YUV	156.6600, -4.2694, 16.0842
Hunter-Lab	57.2250, 5.1998, 6.3248

Details

The XYZ color **33.7719, 32.7470, 32.5578** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0863, 39.6620, 46.3639**, and the grayscale version is **31.9095, 33.5712, 36.5591**.

A 20% lighter version of the original color is **64.9716, 63.9651, 64.7992**, and **14.5514, 13.7360, 13.1936** is the 20% darker color. If you saturate the color by 10%, you get **30.0145, 27.2838, 24.9802**, and if you desaturate by 10%, it is **38.1262, 39.0683, 41.3684**.

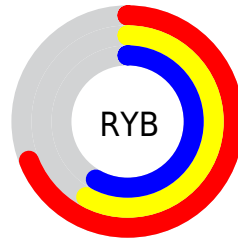
Distribution



Red (69%)

Green (58%)

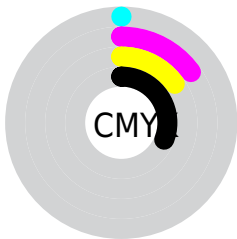
Blue (58%)



Red (69%)

Yellow (58%)

Blue (58%)

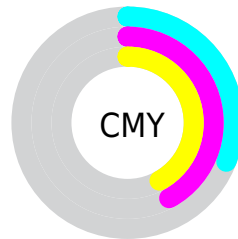


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (31%)



Cyan (31%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7719, 32.7470, 32.5578 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 33.7719, 32.7470, 32.5578 by changing the saturation by 10% instead.

■ 33.7719, 32.7470,
32.5578

■ 33.7719, 32.7470,
32.5578

310.7176,
314.5082, 328.2231

■ 22.8805, 21.9327,
21.5196

■ 64.9254, 63.9803,
64.7926

■ 14.6255, 13.8075,
13.3094

■ 85.9183, 85.1682,
86.8262

■ 8.6416, 7.9869,
7.5087

111.0090,
110.5826, 113.3620

■ 4.5634, 4.0865,
3.6990

140.5629,
140.6081, 144.8186

■ 2.0255, 1.7221,
1.4617

174.9453,
175.6290, 181.6144

■ 0.6482, 0.4379,
0.1892

214.5217,

■ 0.0000, 0.0000,

216.0297, 224.1681

0.0000

259.6573,
262.1946, 272.8982

■ 33.7719, 32.7470,
32.5578

■ 33.7719, 32.7470,
32.5578

■ 30.0145, 27.2838,
24.9802

■ 38.1262, 39.0683,
41.3684

■ 26.8256, 22.6375,
18.5787

■ 43.0991, 46.2778,
51.4613

■ 24.1781, 18.7702,
13.2949

■ 48.7143, 54.4096,
62.8858

■ 22.0421, 15.6394,
9.0649

■ 54.9936, 63.4945,
75.6877

■ 20.3845, 13.1982,
5.8179

■ 61.9577, 73.5622,
89.9109

■ 19.1685, 11.3947,
3.4747

■ 69.6265, 84.6408,
105.5972

■ 18.3517, 10.1693,
1.9439

■ 71.4893, 87.8540,
107.7974

■ 17.8829, 9.4512,
1.1115

■ 17.7499, 9.2552,
0.8509

Harmonies

Analogous

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



33.9966, 32.7470, 36.5867



33.7719, 32.7470, 32.5578



32.8280, 32.7470, 29.5850

Triad

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



33.7719, 32.7470, 32.5578



28.9260, 32.7470, 31.0764



30.8039, 32.7470, 44.2498

Complementary

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



33.7719, 32.7470, 32.5578



35.0863, 39.6620, 46.3639

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.



29.4820, 32.7470, 42.5053



33.7719, 32.7470, 32.5578



28.4199, 32.7470, 34.7410

Square

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



33.7719, 32.7470, 32.5578



30.0236, 32.7470, 28.7776



28.6202, 32.7470, 38.9446



32.2531, 32.7470, 43.5512

Rectangle

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



33.7719, 32.7470, 32.5578



31.9333, 32.7470, 28.4954



28.6202, 32.7470, 38.9446



30.3305, 32.7470, 43.9255

Sweetspot

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



33.7728, 32.7485, 32.5585



68.5682, 70.3842, 74.6682



35.9191, 33.3541, 44.6405



15.1123, 15.4584, 16.3370



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.7728, 32.7485, 32.5585



57.7361, 54.6553, 52.7603



36.0157, 37.2342, 33.3061



8.0282, 8.0613, 8.3462



12.7213, 6.6482, 0.6127



0.3615, 0.2001, 0.0196

Inverse Universe

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



35.0863, 39.6620, 46.3639



60.6038, 69.7511, 82.9060



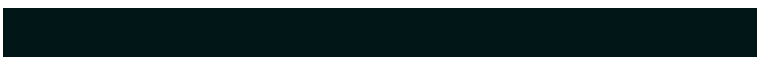
32.6260, 34.7416, 45.5438



8.2104, 9.0203, 10.2610



15.6451, 22.4241, 32.5482



0.4429, 0.6392, 0.9080

Previews

White Background



This preview shows how the XYZ color 33.7719, 32.7470, 32.5578 looks on a white background.

Color Contrast Check

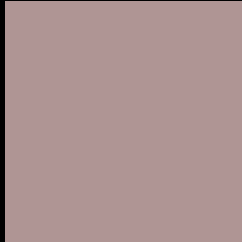
Large Text (above 18pt) WCAG AA × Fail

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 33.7719, 32.7470, 32.5578 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 33.7719, 32.7470, 32.5578

Background



This preview shows how black text looks on a background with the XYZ color 33.7719, 32.7470, 32.5578.



This preview shows how white text looks on a background with the XYZ color 33.7719, 32.7470,

32.5578.

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

33.7719, 32.7470, 32.5578

Protanopia

31.4396, 32.7165, 33.9360

Deuteranopia

33.4852, 32.8350, 32.5899



Tritanopia

34.5962, 32.6007, 37.2700

Trichromacy



Original Color

33.7719, 32.7470, 32.5578

Protanomaly

32.2503, 32.6578, 33.4580

Deuteranomaly

33.7072, 32.9495, 32.6003

Tritanomaly

34.4108, 32.7765, 35.5232

Monochromacy



Original Color

33.7719, 32.7470, 32.5578

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.6982, 33.3368, 35.2831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7719, 32.7470, 32.5578 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(175, 149, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 149, 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(175, 149, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 149, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.7719, 32.7470, 32.5578 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(175, 149, 148) }
```


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

```
.border{ border-color:rgb(175, 149, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 149, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 149, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 149, 148);  
box-shadow:4px 4px 4px 4px rgb(175, 149,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7719, 32.7470, 32.5578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 149, 148) }
```

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

```
.background{ background-color: rgb(175,  
149, 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](#).

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