

Converting Colors

XYZ(35.7771, 36.4461, 32.7532)

Have a look what the booklet for
XYZ(35.7771, 36.4461, 32.7532)
contains.

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Color

**XYZ(35.7418, 36.4783,
32.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A093
RGB	176, 160, 147
RGB Percent	69%, 63%, 58%
CMY	0.3098, 0.3725, 0.4235
CMYK	0.00, 0.09, 0.16, 0.31
HSL	27°, 16%, 63%
HSV	27°, 16%, 69%
XYZ	35.7418, 36.4783, 32.7610
YIQ	163.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

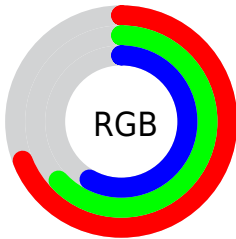
Format	Color
R_{YB}	176, 171, 147
Decimal	11575443
CIE _{Lab}	66.88, 3.64, 8.89
CIE _{LCh}	67, 9.602, 67.729
Yxy	36.4783, 0.3405, 0.3475
Android (android.graphics.Color)	4289765523 (0xFFB0A093)
YUV	163.3020, -8.0369, 11.1361
Hunter-Lab	60.3973, -0.0628, 10.1177

Details

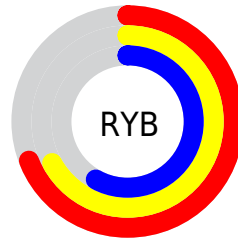
The XYZ color **35.7418, 36.4783, 32.7610** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9662, 35.5314, 46.1954**, and the grayscale version is **34.9886, 36.8107, 40.0869**.

A 20% lighter version of the original color is **68.1218, 69.9737, 65.1742**, and **15.7483, 15.9928, 13.3232** is the 20% darker color. If you saturate the color by 10%, you get **32.8475, 32.7331, 25.4958**, and if you desaturate by 10%, it is **38.9809, 40.5742, 41.1845**.

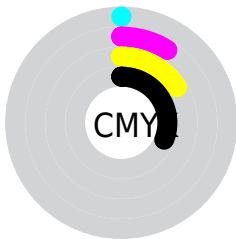
Distribution



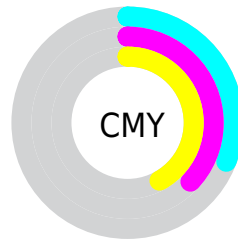
- Red (69%)
- Green (63%)
- Blue (58%)



- Red (69%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (31%)




- Cyan (31%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7418, 36.4783, 32.7610 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 35.7418, 36.4783, 32.7610 by changing the saturation by 10% instead.


 35.7418, 36.4783,
32.7610


 35.7418, 36.4783,
32.7610


319.2815,
331.0463, 329.1703

 24.4040, 24.8038,
21.6738


 67.9598, 69.7697,
65.1139

 15.7600, 15.9310,
13.4214


 89.5708, 92.1554,
87.2167

 9.4442, 9.4753,
7.5852


115.3369,
118.8802, 113.8285

 5.0915, 5.0525,
3.7468

145.6235,
150.3287, 145.3677

 2.3363, 2.2781,
1.4875

180.7959,
186.8851, 182.2530

 0.8132, 0.7621,
0.2086

221.2194,

 0.0000, 0.0000,

228.9340, 224.9028

0.0000

267.2595,
276.8595, 273.7357

■ 35.7418, 36.4783,
32.7610

■ 35.7418, 36.4783,
32.7610

■ 32.8475, 32.7331,
25.4958

■ 38.9809, 40.5742,
41.1845

■ 30.2824, 29.3239,
19.3353

■ 42.5737, 45.0252,
50.8121

■ 28.0342, 26.2421,
14.2247

■ 46.5323, 49.8420,
61.6900

■ 26.0883, 23.4767,
10.1040

■ 50.8675, 55.0332,
73.8613

■ 24.4291, 21.0160,
6.9067

■ 55.5896, 60.6071,
87.3670

■ 23.0392, 18.8475,
4.5583

■ 60.7084, 66.5718,
102.2462

■ 21.8986, 16.9575,
2.9723

■ 63.6880, 71.9168,
105.1324

■ 20.9814, 15.3293,
2.0311

■ 66.4337, 77.4083,
106.0476

■ 20.6946, 14.8101,
1.7679

■ 69.3318, 83.2044,
107.0136

Harmonies

Analogous

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



36.9298, 36.4783, 35.0182



35.7418, 36.4783, 32.7610



34.2969, 36.4783, 32.3019

Triad

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



35.7418, 36.4783, 32.7610



31.9746, 36.4783, 40.8052



36.4104, 36.4783, 46.3932

Complementary

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



35.7418, 36.4783, 32.7610



32.9662, 35.5314, 46.1954

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.



35.0489, 36.4783, 48.1918



35.7418, 36.4783, 32.7610



32.5072, 36.4783, 44.8220

Square

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



35.7418, 36.4783, 32.7610



32.1484, 36.4783, 36.7611



33.6228, 36.4783, 47.5976



37.3233, 36.4783, 42.8307

Rectangle

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



35.7418, 36.4783, 32.7610



33.3870, 36.4783, 33.0452



33.6228, 36.4783, 47.5976



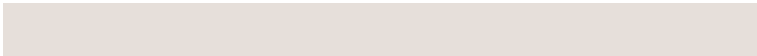
35.9886, 36.4783, 47.2351

Sweetspot

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



35.7428, 36.4799, 32.7618



71.5642, 74.6700, 76.9877



34.9884, 32.7580, 39.3336



15.4162, 16.0662, 16.4383



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.



35.7428, 36.4799, 32.7618



62.7186, 63.4561, 54.0705



38.3203, 41.6350, 33.6210



8.7996, 9.1117, 8.9475



15.2407, 10.9799, 1.3161



0.5381, 0.4625, 0.0609

Inverse Universe

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



32.9662, 35.5314, 46.1954



56.6649, 61.3873, 83.3577



30.6065, 30.8120, 45.4089



8.4175, 8.9813, 10.7962



8.9510, 8.7023, 31.3449



0.3388, 0.3882, 1.0053

Previews

White Background



This preview shows how the XYZ color 35.7418, 36.4783, 32.7610 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 35.7418, 36.4783, 32.7610 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 35.7418, 36.4783, 32.7610

Background



This preview shows how black text looks on a background with the XYZ color 35.7418, 36.4783, 32.7610.



This preview shows how white text looks on a background with the XYZ color 35.7418, 36.4783,

32.7610.

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

35.7418, 36.4783, 32.7610

Protanopia

34.6278, 36.4138, 33.2205

Deuteranopia

37.1694, 36.4424, 33.0920



Tritanopia

37.8088, 36.5622, 42.6006

Trichromacy



Original Color

35.7418, 36.4783, 32.7610

Protanomaly

35.1034, 36.3985, 33.1924

Deuteranomaly

36.6282, 36.4156, 33.1154

Tritanomaly

37.0200, 36.4919, 38.8107

Monochromacy



Original Color

35.7418, 36.4783, 32.7610

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1546, 36.5998, 37.1099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7418, 36.4783, 32.7610 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(176, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 160, 147)  
}
```

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(176, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 160, 147) }
```

Border

The CSS property to change the border of an element to XYZ 35.7418, 36.4783, 32.7610 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(176, 160, 147) }
```


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

```
.border{ border-color:rgb(176, 160, 147) }
```

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

Here you see how a box with a 4 pixel rgb(176, 160, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(176, 160,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7418, 36.4783, 32.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 160, 147) }
```

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

```
.background{ background-color: rgb(176,  
160, 147) }
```

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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