

Converting Colors

XYZ(36.4759, 33.8174, 27.1309)

Have a look what the booklet for
XYZ(36.4759, 33.8174, 27.1309)
contains.

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Color

**XYZ(36.4750, 33.7951,
27.1549)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C09386 |
| RGB | 192, 147, 134 |
| RGB Percent | 75%, 58%, 53% |
| CMY | 0.2471, 0.4235, 0.4745 |
| CMYK | 0.00, 0.23, 0.30, 0.25 |
| HSL | 13°, 32%, 64% |
| HSV | 13°, 30%, 75% |
| XYZ | 36.4750, 33.7951, 27.1549 |
| YIQ | 158.9730, 30.9930, 5.4970 |

Conversions

Conversions Part 2

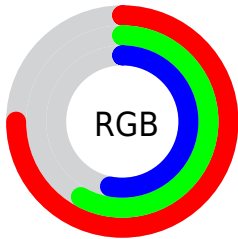
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 192, 151, 134 |
| Decimal | 12620678 |
| CIE Lab | 64.80, 15.07, 13.42 |
| CIE LCh | 65, 20.181, 41.677 |
| Yxy | 33.7951, 0.3744, 0.3469 |
| Android (android.graphics.Color) | 4290810758 (0xFFC09386) |
| YUV | 158.9730, -12.3117, 28.9647 |
| Hunter-Lab | 58.1336, 10.2633, 12.9984 |

Details

The XYZ color **36.4750, 33.7951, 27.1549** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4655, 41.1130, 55.9356**, and the grayscale version is **32.9876, 34.7055, 37.7943**.

A 20% lighter version of the original color is **68.9232, 65.5009, 56.0240**, and **16.0996, 14.3242, 10.3038** is the 20% darker color. If you saturate the color by 10%, you get **33.0875, 28.9720, 20.0080**, and if you desaturate by 10%, it is **40.4074, 39.3185, 35.6837**.

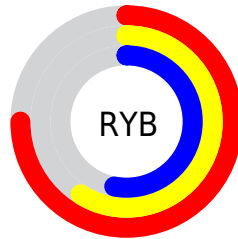
Distribution



Red (75%)

Green (58%)

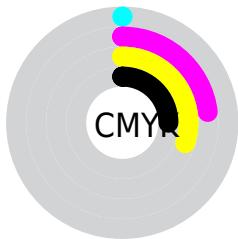
Blue (53%)



Red (75%)

Yellow (59%)

Blue (53%)

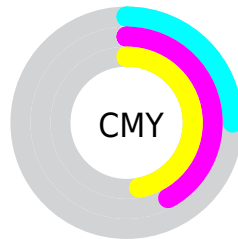


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4750, 33.7951, 27.1549 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 36.4750, 33.7951, 27.1549 by changing the saturation by 10% instead.


 36.4750, 33.7951,
27.1549


 36.4750, 33.7951,
27.1549

322.4271,
319.2174, 302.1902


 24.9731, 22.7362,
17.4561

 69.0837, 65.6149,
56.1391

 16.1856, 14.3989,
10.3948


 90.9211, 87.1446,
76.2616

 9.7473, 8.3986,
5.5525


 116.9345,
112.9334, 100.6957

 5.2927, 4.3510,
2.5106

147.4891,
143.3657, 129.8601

 2.4565, 1.8718,
0.8458

182.9503,
178.8259, 164.1732

 0.8734, 0.5313,
0.0000

223.6835,

 0.0000, 0.0000,

219.6983, 204.0535

0.0000

270.0539,
266.3673, 249.9197

■ 36.4750, 33.7951,
27.1549

■ 36.4750, 33.7951,
27.1549

■ 33.0875, 28.9720,
20.0080

■ 40.4074, 39.3185,
35.6837

■ 30.2175, 24.8163,
14.1677

■ 44.9050, 45.5640,
45.6600

■ 27.8396, 21.2995,
9.5547


■ 49.9903, 52.5582,
57.1478


■ 25.9244, 18.3891,
6.0803


■ 55.6839, 60.3249,
70.2064


■ 24.4398, 16.0498,
3.6436

■ 62.0051, 68.8871,
84.8923

 23.3487, 14.2421,
2.1256

 68.9725, 78.2665,
101.2589

 22.6039, 12.9377,
1.3059

 74.3704, 87.5908,
107.5947

 75.5483, 89.9465,
107.9873

Harmonies

Analogous

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



37.9058, 33.7951, 33.6543



36.4750, 33.7951, 27.1549



33.9088, 33.7951, 23.6079

Triad

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



36.4750, 33.7951, 27.1549



27.1066, 33.7951, 31.9952



33.2647, 33.7951, 54.7850

Complementary

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



36.4750, 33.7951, 27.1549



35.4655, 41.1130, 55.9356

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.



30.3976, 33.7951, 54.1618



36.4750, 33.7951, 27.1549



26.9573, 33.7951, 40.1297

Square

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



36.4750, 33.7951, 27.1549



28.5495, 33.7951, 26.0985



28.1285, 33.7951, 48.4879



35.9791, 33.7951, 50.0806

Rectangle

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



36.4750, 33.7951, 27.1549



31.9581, 33.7951, 23.0150



28.1285, 33.7951, 48.4879



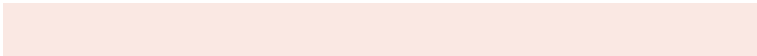
32.2849, 33.7951, 55.2087

Sweetspot

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



36.4759, 33.7967, 27.1556



82.2941, 83.8420, 84.8151



38.4442, 31.5292, 46.9377



17.3805, 17.6079, 17.5809



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.4759, 33.7967, 27.1556



62.0708, 55.5268, 40.6746



41.4820, 43.8089, 28.8243



10.2523, 10.4360, 10.5359



15.2589, 8.8036, 0.8950



0.7127, 0.4872, 0.0565

Inverse Universe

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



35.4655, 41.1130, 55.9356



59.9457, 70.8061, 100.8678



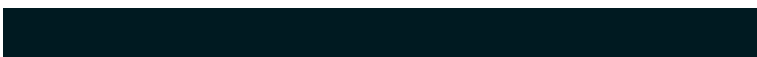
30.3219, 30.8257, 54.2211



10.1708, 11.0330, 12.8783



13.6892, 17.1350, 36.1425



0.6398, 0.8370, 1.5777

Previews

White Background



This preview shows how the XYZ color 36.4750, 33.7951, 27.1549 looks on a white background.

Color Contrast Check

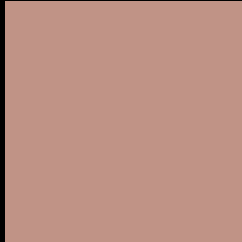
Large Text (above 18pt) WCAG AA × Fail

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 36.4750, 33.7951, 27.1549 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 36.4750, 33.7951, 27.1549

Background



This preview shows how black text looks on a background with the XYZ color 36.4750, 33.7951, 27.1549.



This preview shows how white text looks on a background with the XYZ color 36.4750, 33.7951,

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

36.4750, 33.7951, 27.1549

Protanopia

32.2342, 33.9774, 29.2855

Deuteranopia

34.3563, 33.6504, 26.8747



Tritanopia

38.1378, 33.7824, 35.5209

Trichromacy



Original Color

36.4750, 33.7951, 27.1549

Protanomaly

33.5858, 33.7026, 28.4020

Deuteranomaly

35.1476, 33.8204, 26.8658

Tritanomaly

37.3842, 33.6948, 32.1372

Monochromacy



Original Color

36.4750, 33.7951, 27.1549

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.0210, 34.3026, 33.6821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4750, 33.7951, 27.1549 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(192, 147, 134)` looks like.

```
.text, #text, p{  
    color:rgb(192, 147, 134)  
}
```

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(192, 147, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 147, 134) }
```

Border

The CSS property to change the border of an element to XYZ 36.4750, 33.7951, 27.1549 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(192, 147, 134) }
```


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

```
.border{ border-color:rgb(192, 147, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 147, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 147, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 147, 134);  
box-shadow:4px 4px 4px 4px rgb(192, 147,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4750, 33.7951, 27.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 147, 134) }
```

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

```
.background{ background-color: rgb(192,  
147, 134) }
```

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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