

Converting Colors

XYZ(37.2695, 35.3842, 27.4198)

Have a look what the booklet for
XYZ(37.2695, 35.3842, 27.4198)
contains.

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Color

**XYZ(37.2695, 35.3842,
27.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	C09886
RGB	192, 152, 134
RGB Percent	75%, 60%, 53%
CMY	0.2471, 0.4039, 0.4745
CMYK	0.00, 0.21, 0.30, 0.25
HSL	19°, 32%, 64%
HSV	19°, 30%, 75%
XYZ	37.2695, 35.3842, 27.4198
YIQ	161.9080, 29.6180, 2.8820

Conversions

Conversions Part 2

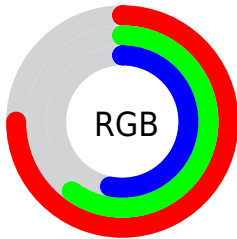
Format	Color
RYB	192, 160, 134
Decimal	12621958
CIELab	66.05, 12.32, 15.16
CIELCh	66, 19.534, 50.909
Yxy	35.3842, 0.3724, 0.3536
Android (android.graphics.Color)	4290812038 (0xFFC09886)
YUV	161.9080, -13.7586, 26.3907
Hunter-Lab	59.4846, 7.7393, 14.3091

Details

The XYZ color **37.2695, 35.3842, 27.4198** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4814, 39.1448, 55.6074**, and the grayscale version is **34.3530, 36.1421, 39.3587**.

A 20% lighter version of the original color is **70.1079, 67.8702, 56.4189**, and **16.5704, 15.2658, 10.4607** is the 20% darker color. If you saturate the color by 10%, you get **34.0199, 30.8370, 20.3189**, and if you desaturate by 10%, it is **41.0040, 40.5118, 35.8826**.

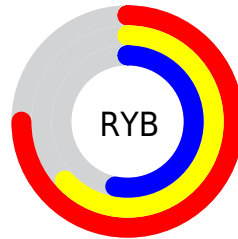
Distribution



Red (75%)

Green (60%)

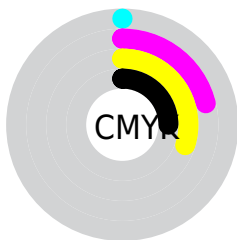
Blue (53%)



Red (75%)

Yellow (63%)

Blue (53%)

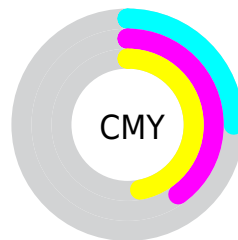


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2695, 35.3842, 27.4198 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 37.2695, 35.3842, 27.4198 by changing the saturation by 10% instead.


 37.2695, 35.3842,
27.4198


 37.2695, 35.3842,
27.4198

325.8111,
326.2609, 303.5082


 25.5909, 23.9590,
17.6535


 70.2982, 68.0805,
56.5687

 16.6489, 15.3032,
10.5347


 92.3790, 90.1204,
76.7884

 10.0782, 9.0325,
5.6447


 118.6579,
116.4673, 101.3296

 5.5135, 4.7624,
2.5650

149.5002,
147.5057, 130.6110

 2.5894, 2.1085,
0.8743

185.2714,
183.6198, 165.0510

 0.9406, 0.6694,
0.0000

226.3367,

 0.0000, 0.0000,

225.1941, 205.0682

0.0000

273.0615,
272.6130, 251.0811

■ 37.2695, 35.3842,
27.4198

■ 37.2695, 35.3842,
27.4198

■ 34.0199, 30.8370,
20.3189

■ 41.0040, 40.5118,
35.8826

■ 31.2315, 26.8442,
14.5057

■ 45.2403, 46.2346,
45.7718

■ 28.8824, 23.3852,
9.9024


■ 49.9978, 52.5732,
57.1503


■ 26.9479, 20.4361,
6.4215


■ 55.2941, 59.5455,
70.0766


■ 25.4003, 17.9709,
3.9638


■ 61.1459, 67.1689,
84.6060

 24.2081, 15.9610,
2.4121

 67.5691, 75.4598,
100.7911

 23.3332, 14.3964,
1.5490

 72.3453, 83.5408,
106.9197

 75.5482, 89.9465,
107.9873

Harmonies

Analogous

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



39.1109, 35.3842, 33.1073



37.2695, 35.3842, 27.4198



34.5199, 35.3842, 24.8185

Triad

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



37.2695, 35.3842, 27.4198



28.4233, 35.3842, 36.0602



35.6600, 35.3842, 55.4430

Complementary

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



37.2695, 35.3842, 27.4198



34.4814, 39.1448, 55.6074

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.



32.7588, 35.3842, 56.5342



37.2695, 35.3842, 27.4198



28.6896, 35.3842, 44.5089

Square

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



37.2695, 35.3842, 27.4198



29.4889, 35.3842, 29.3142



30.2385, 35.3842, 52.2904



38.1452, 35.3842, 49.4931

Rectangle

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



37.2695, 35.3842, 27.4198



32.5879, 35.3842, 24.8841



30.2385, 35.3842, 52.2904



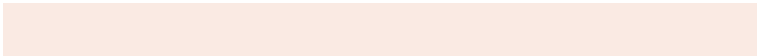
34.6974, 35.3842, 56.4207

Sweetspot

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



37.2704, 35.3858, 27.4205



82.8443, 84.9425, 84.9985



37.9621, 31.3365, 44.3996



17.5154, 17.8778, 17.6259



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.



37.2704, 35.3858, 27.4205



63.6819, 58.7490, 41.2117



42.4435, 45.7320, 29.1449



10.3226, 10.5766, 10.5593



15.7625, 9.8107, 1.0629



0.7437, 0.5492, 0.0668

Inverse Universe

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



34.4814, 39.1448, 55.6074



57.8383, 66.5914, 100.1653



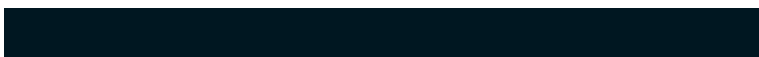
29.5636, 29.3092, 53.9682



10.0962, 10.8838, 12.8535



12.0628, 13.8821, 35.6004



0.5802, 0.7179, 1.5579

Previews

White Background



This preview shows how the XYZ color 37.2695, 35.3842, 27.4198 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 37.2695, 35.3842, 27.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

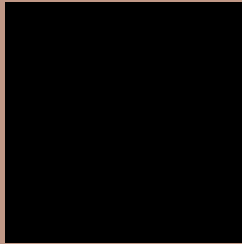
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2695, 35.3842, 27.4198

Background



This preview shows how black text looks on a background with the XYZ color 37.2695, 35.3842, 27.4198.



This preview shows how white text looks on a background with the XYZ color 37.2695, 35.3842,

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

37.2695, 35.3842, 27.4198

Protanopia

33.5204, 35.4116, 29.1132

Deuteranopia

36.2741, 35.6030, 27.5145



Tritanopia

39.4407, 35.3200, 37.9964

Trichromacy



Original Color

37.2695, 35.3842, 27.4198

Protanomaly

34.7038, 35.2672, 28.6451

Deuteranomaly

36.5977, 35.5238, 27.4821

Tritanomaly

38.5815, 35.1986, 34.0387

Monochromacy



Original Color

37.2695, 35.3842, 27.4198

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.1279, 35.6050, 34.7268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2695, 35.3842, 27.4198 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, 152, 134)` looks like.

```
.text, #text, p{  
    color:rgb(192, 152, 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, 152, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 152, 134) }
```

Border

The CSS property to change the border of an element to XYZ 37.2695, 35.3842, 27.4198 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, 152, 134) }
```


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

```
.border{ border-color:rgb(192, 152, 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, 152, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 152, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 152, 134);  
box-shadow:4px 4px 4px 4px rgb(192, 152,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2695, 35.3842, 27.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 152, 134) }
```

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

```
.background{ background-color: rgb(192,  
152, 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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