

Converting Colors

XYZ(37.6431, 33.5158, 32.9409)

Have a look what the booklet for
XYZ(37.6431, 33.5158, 32.9409)
contains.

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Color

**XYZ(37.6462, 33.5858,
32.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	C29095
RGB	194, 144, 149
RGB Percent	76%, 56%, 58%
CMY	0.2392, 0.4353, 0.4157
CMYK	0.00, 0.26, 0.23, 0.24
HSL	354°, 29%, 66%
HSV	354°, 26%, 76%
XYZ	37.6462, 33.5858, 32.9323
YIQ	159.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

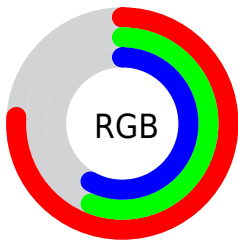
Format	Color
RYB	194, 144, 149
Decimal	12750997
CIELab	64.63, 19.64, 4.77
CIElCh	65, 20.213, 13.651
Yxy	33.5858, 0.3614, 0.3224
Android (android.graphics.Color)	4290941077 (0xFFC29095)
YUV	159.5200, -5.1864, 30.2390
Hunter-Lab	57.9533, 14.5347, 6.8754

Details

The XYZ color **37.6462, 33.5858, 32.9323** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9801, 48.1878, 55.3405**, and the grayscale version is **33.2076, 34.9370, 38.0464**.

A 20% lighter version of the original color is **70.7572, 65.2092, 65.3572**, and **16.7664, 14.1995, 13.4124** is the 20% darker color. If you saturate the color by 10%, you get **33.6653, 27.6901, 25.2354**, and if you desaturate by 10%, it is **42.3429, 40.5780, 41.8998**.

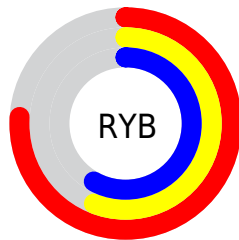
Distribution



Red (76%)

Green (56%)

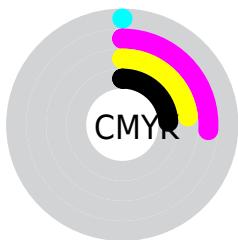
Blue (58%)



Red (76%)

Yellow (56%)

Blue (58%)

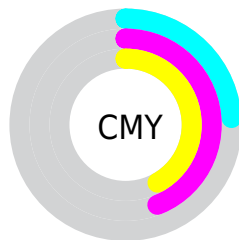


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6462, 33.5858, 32.9323 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 37.6462, 33.5858, 32.9323 by changing the saturation by 10% instead.


 37.6462, 33.5858,
32.9323


 37.6462, 33.5858,
32.9323

327.4070,
318.2812, 329.9672

 25.8842, 22.5756,
21.8039


 70.8729, 65.2890,
65.3846

 16.8692, 14.2804,
13.5159


 93.0683, 86.7508,
87.5456

 10.2360, 8.3160,
7.6499


119.4723,
112.4653, 114.2212

 5.6192, 4.2978,
3.7872

150.4501,
142.8168, 145.8299

 2.6534, 1.8415,
1.5093

186.3671,
178.1897, 182.7904

 0.9732, 0.5128,
0.2249

227.5887,

 0.0000, 0.0000,

218.9685, 225.5210

0.0000

274.4802,
265.5375, 274.4405

■ 37.6462, 33.5858,
32.9323

■ 37.6462, 33.5858,
32.9323

■ 33.6653, 27.6901,
25.2354

■ 42.3429, 40.5780,
41.8998

■ 30.3624, 22.8310,
18.7495

■ 47.7852, 48.7135,
52.1896

■ 27.7003, 18.9498,
13.4135

■ 54.0049, 58.0419,
63.8530

■ 25.6371, 15.9801,
9.1601

■ 61.0307, 68.6088,
76.9381

■ 24.1260, 13.8472,
5.9147

■ 68.8901, 80.4570,
91.4905

■ 23.1132, 12.4649,
3.5936

■ 75.8607, 90.1304,
106.9710

■ 22.5325, 11.7256,
2.0988

■ 76.0582, 90.2094,
108.0112

■ 22.3691, 11.5177,
1.6777

Harmonies

Analogous

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



37.5705, 33.5858, 41.2454



37.6462, 33.5858, 32.9323



36.1242, 33.5858, 26.6269

Triad

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



37.6462, 33.5858, 32.9323



28.2300, 33.5858, 26.1994



30.3801, 33.5858, 54.1100

Complementary

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



37.6462, 33.5858, 32.9323



39.9801, 48.1878, 55.3405

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.



28.0596, 33.5858, 48.7217



37.6462, 33.5858, 32.9323



26.8706, 33.5858, 32.2606

Square

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



37.6462, 33.5858, 32.9323



30.6258, 33.5858, 23.1558



26.8101, 33.5858, 40.4645



33.2549, 33.5858, 54.3627

Rectangle

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



37.6462, 33.5858, 32.9323



34.4586, 33.5858, 24.0569



26.8101, 33.5858, 40.4645



29.5136, 33.5858, 52.8062

Sweetspot

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



37.6471, 33.5874, 32.9330



84.1267, 84.5921, 89.9410



40.6981, 34.6620, 55.5845



18.0831, 18.0166, 19.0548



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.6471, 33.5874, 32.9330



63.9256, 54.5032, 51.4129



40.5586, 40.0352, 31.9774



10.1132, 10.0939, 10.6866



14.7214, 7.5783, 1.1792



0.6502, 0.3331, 0.1251

Inverse Universe

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



37.6471, 33.5874, 32.9330



63.9256, 54.5032, 51.4129



36.3766, 40.0977, 56.8615



10.1132, 10.0939, 10.6866



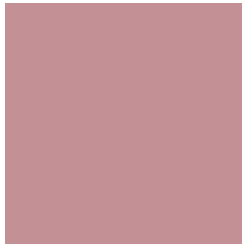
14.7214, 7.5783, 1.1792



0.6502, 0.3331, 0.1251

Previews

White Background



This preview shows how the XYZ color 37.6462, 33.5858, 32.9323 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 37.6462, 33.5858, 32.9323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

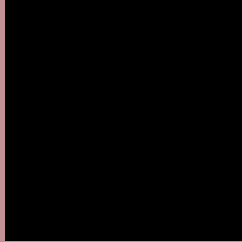
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6462, 33.5858, 32.9323

Background



This preview shows how black text looks on a background with the XYZ color 37.6462, 33.5858, 32.9323.



This preview shows how white text looks on a background with the XYZ color 37.6462, 33.5858,

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

37.6462, 33.5858, 32.9323

Protanopia

32.3864, 33.6508, 36.2408

Deuteranopia

34.4780, 33.8247, 32.7286



Tritanopia

38.1609, 33.5801, 35.0422

Trichromacy



Original Color

37.6462, 33.5858, 32.9323

Protanomaly

33.9913, 33.5270, 34.8168

Deuteranomaly

35.6212, 33.7003, 32.6443

Tritanomaly

37.9956, 33.5140, 34.1720

Monochromacy



Original Color

37.6462, 33.5858, 32.9323

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5696, 34.2822, 36.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6462, 33.5858, 32.9323 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(194, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(194, 144, 149)  
}
```

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(194, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 144, 149) }
```

Border

The CSS property to change the border of an element to XYZ 37.6462, 33.5858, 32.9323 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(194, 144, 149) }
```


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

```
.border{ border-color:rgb(194, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(194, 144,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6462, 33.5858, 32.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 144, 149) }
```

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

```
.background{ background-color: rgb(194,  
144, 149) }
```

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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