

Converting Colors

XYZ(37.5728, 32.6191, 32.8392)

Have a look what the booklet for
XYZ(37.5728, 32.6191, 32.8392)
contains.

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Color

**XYZ(37.5678, 32.6619,
32.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	C48C95
RGB	196, 140, 149
RGB Percent	77%, 55%, 58%
CMY	0.2314, 0.4510, 0.4157
CMYK	0.00, 0.29, 0.24, 0.23
HSL	350°, 32%, 66%
HSV	350°, 29%, 77%
XYZ	37.5678, 32.6619, 32.7581
YIQ	157.7700, 30.4870, 14.6710

Conversions

Conversions Part 2

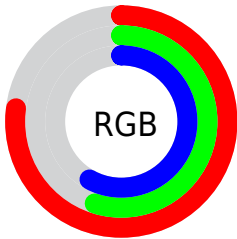
Format	Color
R _Y B	196, 140, 149
Decimal	12881045
CIE Lab	63.89, 22.60, 3.72
CIE LCh	64, 22.908, 9.348
Yxy	32.6619, 0.3648, 0.3171
Android (android.graphics.Color)	4291071125 (0xFFC48C95)
YUV	157.7700, -4.3236, 33.5277
Hunter-Lab	57.1506, 17.3230, 6.0210

Details

The XYZ color **37.5678, 32.6619, 32.7581** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.5261, 48.6438, 54.3221**, and the grayscale version is **32.4053, 34.0929, 37.1271**.

A 20% lighter version of the original color is **70.9443, 63.9662, 65.1075**, and **16.7615, 13.6893, 13.3141** is the 20% darker color. If you saturate the color by 10%, you get **33.7329, 26.9474, 25.4510**, and if you desaturate by 10%, it is **42.1002, 39.4738, 41.2138**.

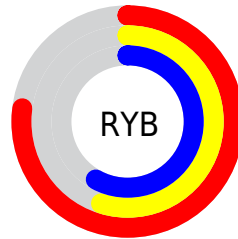
Distribution



Red (77%)

Green (55%)

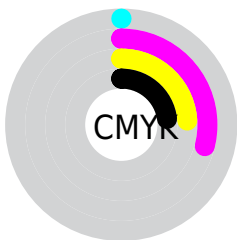
Blue (58%)



Red (77%)

Yellow (55%)

Blue (58%)

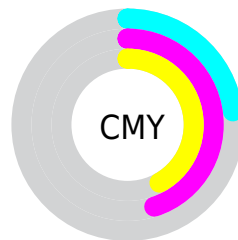


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5678, 32.6619, 32.7581 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 37.5678, 32.6619, 32.7581 by changing the saturation by 10% instead.


 37.5678, 32.6619,
32.7581


 37.5678, 32.6619,
32.7581


327.0753,
314.1235, 329.1568


 25.8231, 21.8676,
21.6716


 70.7534, 63.8473,
65.1093

 16.8233, 13.7596,
13.4198


 92.9250, 85.0072,
87.2111

 10.2031, 7.9537,
7.5841


 119.3029,
110.3910, 113.8218

 5.5971, 4.0653,
3.7461

150.2526,
140.3832, 145.3599

 2.6400, 1.7102,
1.4871

186.1393,
175.3682, 182.2439

 0.9664, 0.4302,
0.2083

227.3284,

 0.0000, 0.0000,

215.7302, 224.8923

0.0000

274.1853,
261.8539, 273.7238

■ 37.5678, 32.6619,
32.7581

■ 37.5678, 32.6619,
32.7581

■ 33.7329, 26.9474,
25.4510

■ 42.1002, 39.4738,
41.2138

■ 30.5579, 22.2686,
19.2408

■ 47.3597, 47.4317,
50.8627

■ 28.0059, 18.5645,
14.0745

■ 53.3776, 56.5867,
61.7498

■ 26.0351, 15.7658,
9.8943

■ 60.1824, 66.9853,
73.9167

■ 24.5986, 13.7943,
6.6362

■ 67.8012, 78.6720,
87.4035

■ 23.6418, 12.5580,
4.2288

■ 75.4230, 90.0150,
101.9692

■ 23.0819, 11.9112,
2.5840

■ 76.5750, 90.4758,
108.0354

■ 23.0188, 11.8373,
2.4019

Harmonies

Analogous

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



37.2103, 32.6619, 42.1957



37.5678, 32.6619, 32.7581



36.0861, 32.6619, 25.4574

Triad

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



37.5678, 32.6619, 32.7581



27.2792, 32.6619, 23.5306



28.9098, 32.6619, 54.8856

Complementary

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



37.5678, 32.6619, 32.7581



39.5261, 48.6438, 54.3221

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.



26.4951, 32.6619, 48.0419



37.5678, 32.6619, 32.7581



25.5999, 32.6619, 29.6650

Square

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



37.5678, 32.6619, 32.7581



30.0486, 32.6619, 20.7707



25.3231, 32.6619, 38.5242



32.0615, 32.6619, 56.1025

Rectangle

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



37.5678, 32.6619, 32.7581



34.3112, 32.6619, 22.3780



25.3231, 32.6619, 38.5242



27.9913, 32.6619, 53.1168

Sweetspot

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



37.5687, 32.6634, 32.7588



85.2128, 85.0422, 91.0803



39.7549, 33.2661, 56.5503



17.9219, 17.7217, 18.9162



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.



37.5687, 32.6634, 32.7588



63.7652, 52.7630, 51.2034



39.8405, 38.3124, 30.1082



10.1377, 10.1037, 10.8158



14.8118, 7.6145, 1.6552



0.6612, 0.3375, 0.1832

Inverse Universe

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



37.5687, 32.6634, 32.7588



63.7652, 52.7630, 51.2034



36.5683, 41.1383, 58.2377



10.1377, 10.1037, 10.8158



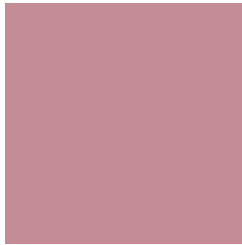
14.8118, 7.6145, 1.6552



0.6612, 0.3375, 0.1832

Previews

White Background



This preview shows how the XYZ color 37.5678, 32.6619, 32.7581 looks on a white background.

Color Contrast Check

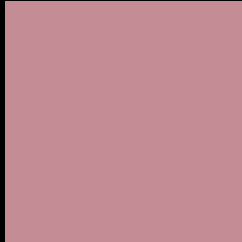
Large Text (above 18pt) WCAG AA × Fail

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 37.5678, 32.6619, 32.7581 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 37.5678, 32.6619, 32.7581

Background



This preview shows how black text looks on a background with the XYZ color 37.5678, 32.6619, 32.7581.



This preview shows how white text looks on a background with the XYZ color 37.5678, 32.6619,

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

37.5678, 32.6619, 32.7581

Protanopia

31.5460, 32.7136, 36.5500

Deuteranopia

33.4064, 32.8035, 32.1748



Tritanopia

37.6481, 32.6939, 33.1805

Trichromacy



Original Color

37.5678, 32.6619, 32.7581

Protanomaly

33.3748, 32.4859, 35.0832

Deuteranomaly

34.6802, 32.5196, 32.4660

Tritanomaly

37.6481, 32.6939, 33.1805

Monochromacy



Original Color

37.5678, 32.6619, 32.7581

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.9963, 33.2704, 35.6404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5678, 32.6619, 32.7581 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(196, 140, 149)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 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(196, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 149) }
```

Border

The CSS property to change the border of an element to XYZ 37.5678, 32.6619, 32.7581 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(196, 140, 149) }
```


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

```
.border{ border-color:rgb(196, 140, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 140, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5678, 32.6619, 32.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 140, 149) }
```

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

```
.background{ background-color: rgb(196,  
140, 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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