

Converting Colors

XYZ(37.0083, 32.4232, 29.3350)

Have a look what the booklet for
XYZ(37.0083, 32.4232, 29.3350)
contains.

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Color

**XYZ(36.9508, 32.4150,
29.5085)**

Conversions

Conversions Part 1

Format	Color
Hex	C48C8D
RGB	196, 140, 141
RGB Percent	77%, 55%, 55%
CMY	0.2314, 0.4510, 0.4471
CMYK	0.00, 0.29, 0.28, 0.23
HSL	359°, 32%, 66%
HSV	359°, 29%, 77%
XYZ	36.9508, 32.4150, 29.5085
YIQ	156.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

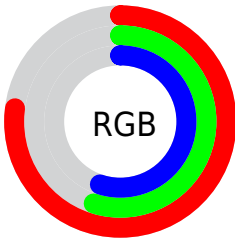
Format	Color
RYB	196, 140, 141
Decimal	12881037
CIELab	63.68, 21.45, 7.96
CIElCh	64, 22.882, 20.356
Yxy	32.4150, 0.3737, 0.3278
Android (android.graphics.Color)	4291071117 (0xFFC48C8D)
YUV	156.8580, -7.8180, 34.3275
Hunter-Lab	56.9342, 16.2133, 9.1244

Details

The XYZ color **36.9508, 32.4150, 29.5085** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4069, 48.9963, 58.9599**, and the grayscale version is **32.0083, 33.6753, 36.6724**.

A 20% lighter version of the original color is **70.0152, 63.5945, 60.2145**, and **16.4452, 13.5628, 11.6487** is the 20% darker color. If you saturate the color by 10%, you get **33.0277, 26.6653, 21.7373**, and if you desaturate by 10%, it is **41.6348, 39.2876, 38.7624**.

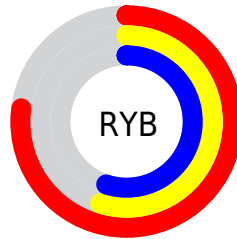
Distribution



Red (77%)

Green (55%)

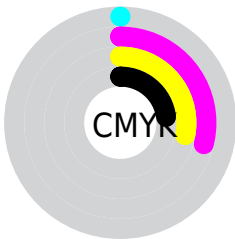
Blue (55%)



Red (77%)

Yellow (55%)

Blue (55%)

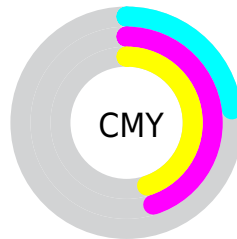


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9508, 32.4150, 29.5085 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 36.9508, 32.4150, 29.5085 by changing the saturation by 10% instead.


 36.9508, 32.4150,
29.5085


 36.9508, 32.4150,
29.5085


324.4567,
313.0054, 313.7424


 25.3429, 21.6787,
19.2169


 69.8114, 63.4611,
59.9358

 16.4628, 13.6210,
11.6487


 91.7949, 84.5397,
80.9087

 9.9452, 7.8575,
6.3854


 117.9675,
109.8345, 106.2790

 5.4246, 4.0039,
3.0082

148.6948,
139.7299, 136.4654

 2.5358, 1.6758,
1.0988

184.3420,
174.6103, 171.8864

 0.9133, 0.4079,
0.0000

225.2744,

 0.0000, 0.0000,

214.8601, 212.9606

0.0000

271.8576,
260.8636, 260.1064

■ 36.9508, 32.4150,
29.5085

■ 36.9508, 32.4150,
29.5085

■ 33.0277, 26.6653,
21.7373

■ 41.6348, 39.2876,
38.7624

■ 29.8229, 21.9745,
15.3700

■ 47.1140, 47.3333,
49.5685

■ 27.2936, 18.2795,
10.3235

■ 53.4241, 56.6051,
61.9940

■ 25.3916, 15.5084,
6.5050

■ 60.5974, 67.1513,
76.1017

■ 24.0620, 13.5796,
3.8098

■ 68.6649, 79.0174,
91.9512

■ 23.2406, 12.3976,
2.1159

■ 76.5751, 90.4758,
108.0354

■ 22.8297, 11.8104,
1.2556

■ 22.7842, 11.7435,
1.1660

Harmonies

Analogous

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



37.2877, 32.4150, 38.3320



36.9508, 32.4150, 29.5085



34.9076, 32.4150, 23.3819

Triad

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



36.9508, 32.4150, 29.5085



26.3070, 32.4150, 25.1961



29.7894, 32.4150, 55.6916

Complementary

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



36.9508, 32.4150, 29.5085



40.4069, 48.9963, 58.9599

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.



27.0454, 32.4150, 50.6901



36.9508, 32.4150, 29.5085



25.1288, 32.4150, 32.4217

Square

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



36.9508, 32.4150, 29.5085



28.7168, 32.4150, 21.2079



25.3894, 32.4150, 41.7912



33.0015, 32.4150, 54.5447

Rectangle

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



36.9508, 32.4150, 29.5085



32.9263, 32.4150, 21.1545



25.3894, 32.4150, 41.7912



28.7854, 32.4150, 54.6449

Sweetspot

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



36.9517, 32.4165, 29.5092



84.7414, 84.8537, 88.5977



41.6252, 34.2302, 56.6381



17.8069, 17.6757, 18.3107



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.



36.9517, 32.4165, 29.5092



62.5389, 52.2725, 44.7456



41.1601, 40.9514, 30.5478



10.0803, 10.0807, 10.5134



14.6432, 7.5470, 0.7670



0.6352, 0.3271, 0.0466

Inverse Universe

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



36.9517, 32.4165, 29.5092



62.5389, 52.2725, 44.7456



35.1301, 38.2618, 57.7586



10.0803, 10.0807, 10.5134



14.6432, 7.5470, 0.7670



0.6352, 0.3271, 0.0466

Previews

White Background



This preview shows how the XYZ color 36.9508, 32.4150, 29.5085 looks on a white background.

Color Contrast Check

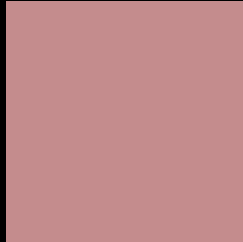
Large Text (above 18pt) WCAG AA × Fail

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 36.9508, 32.4150, 29.5085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

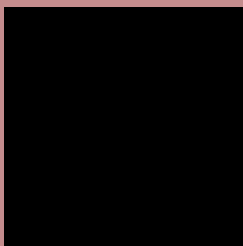
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9508, 32.4150, 29.5085

Background



This preview shows how black text looks on a background with the XYZ color 36.9508, 32.4150, 29.5085.



This preview shows how white text looks on a background with the XYZ color 36.9508, 32.4150,

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

36.9508, 32.4150, 29.5085

Protanopia

31.2785, 32.6521, 33.0877

Deuteranopia

33.0868, 32.4729, 28.9501



Tritanopia

37.6834, 32.5055, 32.7218

Trichromacy



Original Color

36.9508, 32.4150, 29.5085

Protanomaly

32.9490, 32.3409, 31.6999

Deuteranomaly

34.5409, 32.5185, 29.2671

Tritanomaly

37.4469, 32.4109, 31.4764

Monochromacy



Original Color

36.9508, 32.4150, 29.5085

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.4471, 33.0255, 33.8899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9508, 32.4150, 29.5085 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.9508, 32.4150, 29.5085 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, 141) }
```


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

```
.border{ border-color:rgb(196, 140, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9508, 32.4150, 29.5085 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, 141) }
```

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

```
.background{ background-color: rgb(196,  
140, 141) }
```

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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