

Converting Colors

XYZ(36.7302, 32.7410, 29.5836)

Have a look what the booklet for
XYZ(36.7302, 32.7410, 29.5836)
contains.

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Color

**XYZ(36.7289, 32.7384,
29.5826)**

Conversions

Conversions Part 1

Format	Color
Hex	C28E8D
RGB	194, 142, 141
RGB Percent	76%, 56%, 55%
CMY	0.2392, 0.4431, 0.4471
CMYK	0.00, 0.27, 0.27, 0.24
HSL	1°, 30%, 66%
HSV	1°, 27%, 76%
XYZ	36.7289, 32.7384, 29.5826
YIQ	157.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

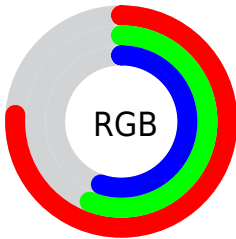
Format	Color
RYB	194, 142, 141
Decimal	12750477
CIELab	63.95, 19.58, 8.31
CIELCh	64, 21.272, 22.986
Yxy	32.7384, 0.3708, 0.3305
Android (android.graphics.Color)	4290940557 (0xFFC28E8D)
YUV	157.4340, -8.1020, 32.0684
Hunter-Lab	57.2175, 14.4517, 9.3981

Details

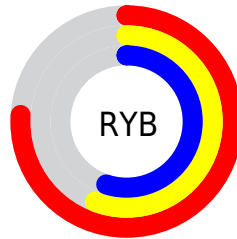
The XYZ color **36.7289, 32.7384, 29.5826** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7916, 47.6964, 58.1484**, and the grayscale version is **32.2696, 33.9501, 36.9717**.

A 20% lighter version of the original color is **69.3739, 63.9292, 60.3129**, and **16.2769, 13.7265, 11.6891** is the 20% darker color. If you saturate the color by 10%, you get **32.8159, 27.0237, 21.7695**, and if you desaturate by 10%, it is **41.3800, 39.5243, 38.8900**.

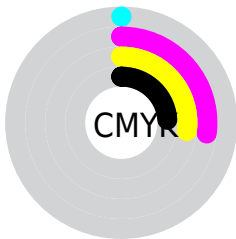
Distribution



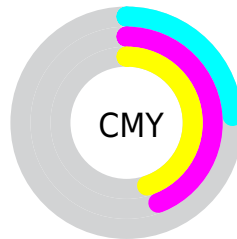
- Red (76%)
- Green (56%)
- Blue (55%)



- Red (76%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7289, 32.7384, 29.5826 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 36.7289, 32.7384, 29.5826 by changing the saturation by 10% instead.


 36.7289, 32.7384,
29.5826


 36.7289, 32.7384,
29.5826


323.5113,
314.4693, 314.1005


 25.1704, 21.9261,
19.2726


 69.4722, 63.9669,
60.0546

 16.3334, 13.8026,
11.6886


 91.3876, 85.1519,
81.0538

 9.8528, 7.9835,
6.4121


 117.4861,
110.5633, 106.4531

 5.3630, 4.0844,
3.0244

148.1330,
140.5854, 136.6710

 2.4987, 1.7209,
1.1071

183.6936,
175.6026, 172.1262

 0.8946, 0.4371,
0.0000

224.5332,

 0.0000, 0.0000,

215.9995, 213.2372

0.0000

271.0174,
262.1602, 260.4224

■ 36.7289, 32.7384,
29.5826

■ 36.7289, 32.7384,
29.5826

■ 32.8159, 27.0237,
21.7695

■ 41.3800, 39.5243,
38.8900

■ 29.6008, 22.3211,
15.3709

■ 46.8017, 47.4274,
49.7616

■ 27.0431, 18.5732,
10.3030

■ 53.0275, 56.4964,
62.2654

■ 25.0976, 15.7145,
6.4720

■ 60.0885, 66.7759,
76.4650

■ 23.7131, 13.6716,
3.7720

■ 68.0140, 78.3083,
92.4202

■ 22.8302, 12.3594,
2.0796

■ 76.0583, 90.2094,
108.0112

■ 22.3720, 11.6713,
1.2230

■ 22.2882, 11.5492,
1.0545

Harmonies

Analogous

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



37.1937, 32.7384, 37.7000



36.7289, 32.7384, 29.5826



34.7164, 32.7384, 24.0262

Triad

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



36.7289, 32.7384, 29.5826



26.7387, 32.7384, 26.6059



30.4185, 32.7384, 54.6630

Complementary

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



36.7289, 32.7384, 29.5826



39.7916, 47.6964, 58.1484

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.



27.7752, 32.7384, 50.5145



36.7289, 32.7384, 29.5826



25.7408, 32.7384, 33.6690

Square

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



36.7289, 32.7384, 29.5826



28.9204, 32.7384, 22.5100



26.1078, 32.7384, 42.4872



33.4218, 32.7384, 53.0999

Rectangle

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



36.7289, 32.7384, 29.5826



32.8336, 32.7384, 22.0800



26.1078, 32.7384, 42.4872



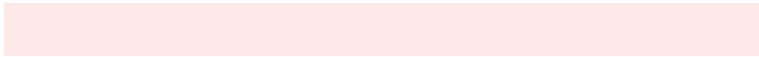
29.4610, 32.7384, 53.8706

Sweetspot

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



36.7298, 32.7399, 29.5833



83.9458, 84.6924, 88.4561



41.4120, 34.3750, 54.9731



18.0370, 18.0421, 18.6762



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.



36.7298, 32.7399, 29.5833



61.9927, 52.6693, 44.5046



41.1297, 41.5398, 31.0499



10.0882, 10.1077, 10.4812



14.6605, 7.6068, 0.6956



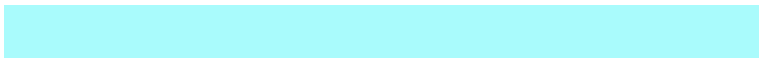
0.6388, 0.3394, 0.0318

Inverse Universe

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



39.7916, 47.6964, 58.1484



68.4920, 84.4221, 105.1550



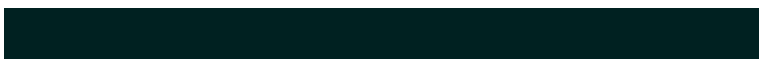
34.4711, 37.0554, 56.3749



10.3517, 11.3946, 12.9386



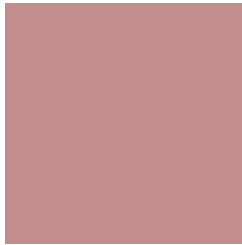
18.5622, 26.8809, 37.7668



0.8073, 1.1720, 1.6336

Previews

White Background



This preview shows how the XYZ color 36.7289, 32.7384, 29.5826 looks on a white background.

Color Contrast Check

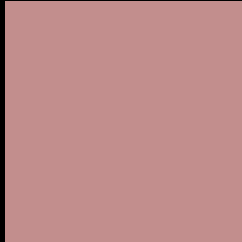
Large Text (above 18pt) WCAG AA × Fail

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 36.7289, 32.7384, 29.5826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

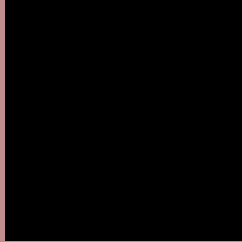
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7289, 32.7384, 29.5826

Background



This preview shows how black text looks on a background with the XYZ color 36.7289, 32.7384, 29.5826.



This preview shows how white text looks on a background with the XYZ color 36.7289, 32.7384,

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

36.7289, 32.7384, 29.5826

Protanopia

31.5638, 33.0544, 32.7335

Deuteranopia

33.5445, 32.9362, 29.4003



Tritanopia

37.4697, 32.5926, 33.5943

Trichromacy



Original Color

36.7289, 32.7384, 29.5826

Protanomaly

33.0304, 32.6277, 31.3449

Deuteranomaly

34.6958, 32.8282, 29.3187

Tritanomaly

37.2970, 32.7584, 31.9610

Monochromacy



Original Color

36.7289, 32.7384, 29.5826

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.3917, 33.2369, 33.9336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7289, 32.7384, 29.5826 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, 142, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 142, 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(194, 142, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 142, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.7289, 32.7384, 29.5826 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, 142, 141) }
```


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

```
.border{ border-color:rgb(194, 142, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 142, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 142, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 142, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 142,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7289, 32.7384, 29.5826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 142, 141) }
```

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

```
.background{ background-color: rgb(194,  
142, 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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