

Converting Colors

XYZ(32.7176, 28.2341, 30.8417)

Have a look what the booklet for
XYZ(32.7176, 28.2341, 30.8417)
contains.

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Color

**XYZ(32.8330, 28.3752,
30.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	B78392
RGB	183, 131, 146
RGB Percent	72%, 51%, 57%
CMY	0.2824, 0.4863, 0.4274
CMYK	0.00, 0.28, 0.20, 0.28
HSL	343°, 27%, 62%
HSV	343°, 28%, 72%
XYZ	32.8330, 28.3752, 30.9406
YIQ	148.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

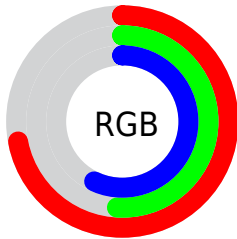
Format	Color
RYB	183, 131, 146
Decimal	12026770
CIELab	60.23, 22.27, -0.06
CIElCh	60, 22.267, 359.837
Yxy	28.3752, 0.3563, 0.3079
Android (android.graphics.Color)	4290216850 (0xFFB78392)
YUV	148.2580, -1.1132, 30.4687
Hunter-Lab	53.2684, 16.8023, 2.8496

Details

The XYZ color **32.8330, 28.3752, 30.9406** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.3626, 41.5200, 43.3035**, and the grayscale version is **28.2535, 29.7249, 32.3704**.

A 20% lighter version of the original color is **63.5010, 56.9764, 62.2943**, and **14.1070, 11.3965, 12.5226** is the 20% darker color. If you saturate the color by 10%, you get **29.6329, 23.5046, 25.1577**, and if you desaturate by 10%, it is **36.5842, 34.1627, 37.4772**.

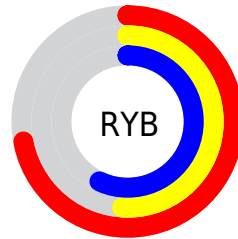
Distribution



Red (72%)

Green (51%)

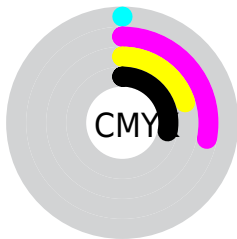
Blue (57%)



Red (72%)

Yellow (51%)

Blue (57%)

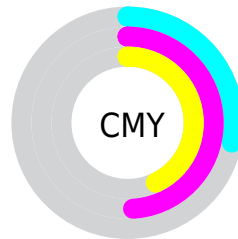


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (28%)



Cyan (28%)


Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8330, 28.3752, 30.9406 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 32.8330, 28.3752, 30.9406 by changing the saturation by 10% instead.


 32.8330, 28.3752,
30.9406


 32.8330, 28.3752,
30.9406


306.5749,
294.2554, 320.6073


 22.1572, 18.6087,
20.2955


 63.4711, 57.0829,
62.2250

 14.0897, 11.3879,
12.4238


 84.1642, 76.7929,
83.7015

 8.2652, 6.3284,
6.9070


 108.9269,
100.5862, 109.6254

 4.3183, 3.0458,
3.3264

138.1248,
128.8471, 140.4155

 1.8838, 1.1557,
1.2636

172.1232,
161.9601, 176.4902

 0.5674, 0.0250,
0.0317

211.2875,

 0.0000, 0.0000,

200.3096, 218.2680

0.0000

255.9829,
244.2799, 266.1675

■ 32.8330, 28.3752,
30.9406

■ 32.8330, 28.3752,
30.9406

■ 29.6329, 23.5046,
25.1577

■ 36.5842, 34.1627,
37.4772

■ 26.9548, 19.4999,
20.0987

■ 40.9090, 40.9071,
44.7921

■ 24.7706, 16.3108,
15.7347

■ 45.8314, 48.6506,
52.9110

■ 23.0482, 13.8803,
12.0336

■ 51.3734, 57.4318,
61.8577

■ 21.7518, 12.1441,
8.9607

■ 57.5559, 67.2871,
71.6553

■ 20.8398, 11.0269,
6.4779

■ 64.3987, 78.2514,
82.3256

■ 20.2459, 10.4047,
4.5364

■ 70.5972, 87.7108,
93.4487

■ 20.1660, 10.3223,
4.2712

■ 72.5716, 88.5006,
103.8457

■ 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



31.9938, 28.3752, 39.4772



32.8330, 28.3752, 30.9406



32.0113, 28.3752, 23.7229

Triad

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



32.8330, 28.3752, 30.9406



24.3327, 28.3752, 19.1776



24.3074, 28.3752, 46.5590

Complementary

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



32.8330, 28.3752, 30.9406



33.3626, 41.5200, 43.3035

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.



22.4875, 28.3752, 39.3858



32.8330, 28.3752, 30.9406



22.5013, 28.3752, 23.6579

Square

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



32.8330, 28.3752, 30.9406



26.9854, 28.3752, 17.7025



21.8498, 28.3752, 30.8510



26.9541, 28.3752, 49.4102

Rectangle

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



32.8330, 28.3752, 30.9406



30.6631, 28.3752, 20.3817



21.8498, 28.3752, 30.8510



23.5856, 28.3752, 44.5175

Sweetspot

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



32.8338, 28.3765, 30.9412



72.6612, 72.3149, 79.2092



32.6855, 27.9121, 48.4647



15.7880, 15.5644, 17.0581



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.8338, 28.3765, 30.9412



55.1661, 45.2679, 48.8895



33.2101, 30.8752, 25.6835



9.1083, 9.0537, 9.9177



14.0944, 7.2115, 3.1179



0.5246, 0.2653, 0.2559

Inverse Universe

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



32.8338, 28.3765, 30.9412



55.1661, 45.2679, 48.8895



32.7753, 37.9790, 50.4031



9.1083, 9.0537, 9.9177



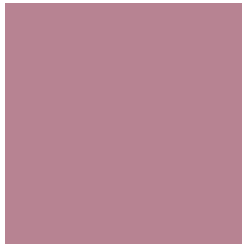
14.0944, 7.2115, 3.1179



0.5246, 0.2653, 0.2559

Previews

White Background



This preview shows how the XYZ color 32.8330, 28.3752, 30.9406 looks on a white background.

Color Contrast Check

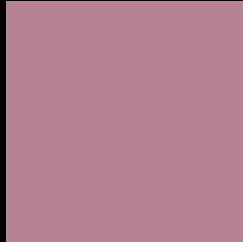
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8330, 28.3752, 30.9406 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 × Fail

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

XYZ 32.8330, 28.3752, 30.9406

Background



This preview shows how black text looks on a background with the XYZ color 32.8330, 28.3752, 30.9406.



This preview shows how white text looks on a background with the XYZ color 32.8330, 28.3752,

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

32.8330, 28.3752, 30.9406

Protanopia

27.8122, 28.6949, 34.6447

Deuteranopia

29.0561, 28.5370, 30.3623



Tritanopia

32.6622, 28.5228, 29.3752

Trichromacy



Original Color

32.8330, 28.3752, 30.9406

Protanomaly

29.2621, 28.3615, 33.2102

Deuteranomaly

30.2049, 28.2605, 30.6509

Tritanomaly

32.7376, 28.5530, 29.7724

Monochromacy



Original Color

32.8330, 28.3752, 30.9406

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6374, 29.0297, 31.6450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8330, 28.3752, 30.9406 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(183, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(183, 131, 146)  
}
```

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(183, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 131, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.8330, 28.3752, 30.9406 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(183, 131, 146) }
```


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

```
.border{ border-color:rgb(183, 131, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 131, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(183, 131,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8330, 28.3752, 30.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 131, 146) }
```

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

```
.background{ background-color: rgb(183,  
131, 146) }
```

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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