

Converting Colors

XYZ(32.5568, 30.6791, 30.2657)

Have a look what the booklet for
XYZ(32.5568, 30.6791, 30.2657)
contains.

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Color

**XYZ(32.6849, 30.8582,
30.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	B08F8F
RGB	176, 143, 143
RGB Percent	69%, 56%, 56%
CMY	0.3098, 0.4392, 0.4392
CMYK	0.00, 0.19, 0.19, 0.31
HSL	0°, 17%, 63%
HSV	0°, 19%, 69%
XYZ	32.6849, 30.8582, 30.2201
YIQ	152.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

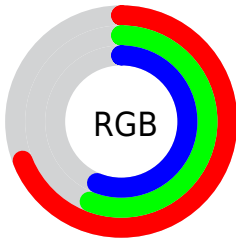
Format	Color
R_{YB}	176, 143, 143
Decimal	11571087
CIE _{Lab}	62.39, 12.42, 4.69
CIE _{LCh}	62, 13.278, 20.693
Yxy	30.8582, 0.3486, 0.3291
Android (android.graphics.Color)	4289761167 (0xFFB08F8F)
YUV	152.8670, -4.8644, 20.2876
Hunter-Lab	55.5502, 7.8140, 6.6305

Details

The XYZ color **32.6849, 30.8582, 30.2201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6892, 40.0239, 46.9717**, and the grayscale version is **30.2356, 31.8102, 34.6413**.

A 20% lighter version of the original color is **63.3230, 61.1195, 61.2831**, and **14.0585, 12.8300, 12.0914** is the 20% darker color. If you saturate the color by 10%, you get **29.0171, 25.4914, 22.9275**, and if you desaturate by 10%, it is **36.9781, 37.1404, 38.7539**.

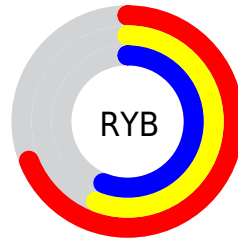
Distribution



Red (69%)

Green (56%)

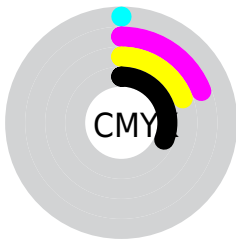
Blue (56%)



Red (69%)

Yellow (56%)

Blue (56%)

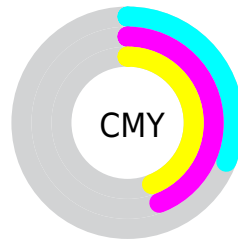


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6849, 30.8582, 30.2201 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 32.6849, 30.8582, 30.2201 by changing the saturation by 10% instead.

 32.6849, 30.8582,
30.2201


 32.6849, 30.8582,
30.2201


305.9176,
305.8845, 317.1682


 22.0432, 20.4909,
19.7522


 63.2412, 61.0168,
61.0752

 14.0055, 12.7524,
12.0328


 83.8866, 81.5768,
82.2995

 8.2062, 7.2583,
6.6432


 108.5973,
106.3032, 107.9464

 4.2801, 3.6241,
3.1649

137.7387,
135.5804, 138.4344

 1.8618, 1.4656,
1.1795

171.6760,
169.7927, 174.1820

 0.5545, 0.2643,
0.0000

210.7747,

 0.0000, 0.0000,

209.3245, 215.6078

0.0000

255.4001,
254.5604, 263.1304

■ 32.6849, 30.8582,
30.2201

■ 32.6849, 30.8582,
30.2201

■ 29.0171, 25.4914,
22.9275

■ 36.9781, 37.1404,
38.7539

■ 25.9431, 20.9933,
16.8166

■ 41.9211, 44.3734,
48.5808

■ 23.4325, 17.3195,
11.8257

■ 47.5405, 52.5959,
59.7523

■ 21.4511, 14.4201,
7.8869

■ 53.8602, 61.8433,
72.3163

■ 19.9611, 12.2396,
4.9249

■ 60.9033, 72.1491,
86.3185

■ 18.9194, 10.7154,
2.8545

■ 68.6917, 83.5454,
101.8023

■ 18.2761, 9.7738,
1.5758

■ 71.7146, 87.9702,
107.8079

■ 17.9408, 9.2832,
0.9094

■ 17.9048, 9.2306,
0.8380

Harmonies

Analogous

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



32.8761, 30.8582, 35.2264



32.6849, 30.8582, 30.2201



31.5752, 30.8582, 26.5046

Triad

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



32.6849, 30.8582, 30.2201



26.7348, 30.8582, 27.7084



28.7741, 30.8582, 44.3500

Complementary

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



32.6849, 30.8582, 30.2201



34.6892, 40.0239, 46.9717

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.



27.1934, 30.8582, 41.8591



32.6849, 30.8582, 30.2201



26.0481, 30.8582, 32.0231

Square

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



32.6849, 30.8582, 30.2201



28.1248, 30.8582, 25.1606



26.2125, 30.8582, 37.2215



30.5687, 30.8582, 43.7409

Rectangle

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



32.6849, 30.8582, 30.2201



30.4880, 30.8582, 25.0931



26.2125, 30.8582, 37.2215



28.2013, 30.8582, 43.8386

Sweetspot

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



32.6857, 30.8596, 30.2207



69.3198, 70.6585, 74.7678



35.5638, 32.0100, 45.3788



14.9048, 15.1403, 15.9689



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6857, 30.8596, 30.2207



56.7337, 52.2418, 49.7466



35.3471, 36.1822, 31.1079



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6149



0.4134, 0.2131, 0.0194

Inverse Universe

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



34.6892, 40.0239, 46.9717



60.9619, 71.5829, 85.0991



31.6488, 33.9432, 45.9583



8.7426, 9.6314, 10.9046



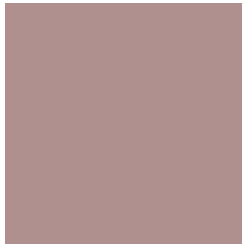
17.1384, 25.0772, 34.0741



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 32.6849, 30.8582, 30.2201 looks on a white background.

Color Contrast Check

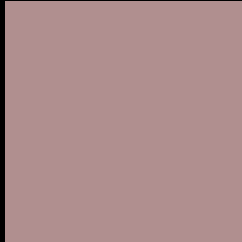
Large Text (above 18pt) WCAG AA × Fail

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 32.6849, 30.8582, 30.2201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

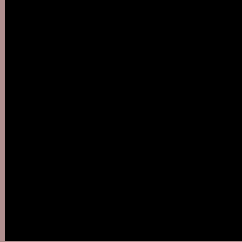
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6849, 30.8582, 30.2201

Background



This preview shows how black text looks on a background with the XYZ color 32.6849, 30.8582, 30.2201.



This preview shows how white text looks on a background with the XYZ color 32.6849, 30.8582,

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

32.6849, 30.8582, 30.2201

Protanopia

29.6904, 30.8878, 32.0009

Deuteranopia

31.5236, 30.9458, 29.9028



Tritanopia

33.5542, 30.9930, 34.3507

Trichromacy



Original Color

32.6849, 30.8582, 30.2201

Protanomaly

30.7263, 30.7293, 31.5060

Deuteranomaly

32.0211, 30.9744, 29.8822

Tritanomaly

33.2293, 30.8630, 32.6396

Monochromacy



Original Color

32.6849, 30.8582, 30.2201

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8702, 31.2419, 32.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6849, 30.8582, 30.2201 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(176, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(176, 143, 143)  
}
```

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(176, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.6849, 30.8582, 30.2201 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(176, 143, 143) }
```


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

```
.border{ border-color:rgb(176, 143, 143) }
```

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

Here you see how a box with a 4 pixel rgb(176, 143, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(176, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6849, 30.8582, 30.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 143, 143) }
```

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

```
.background{ background-color: rgb(176,  
143, 143) }
```

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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