

Converting Colors

XYZ(33.1725, 28.2845, 24.4739)

Have a look what the booklet for
XYZ(33.1725, 28.2845, 24.4739)
contains.

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Color

**XYZ(33.2986, 28.3619,
24.4882)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8181
RGB	191, 129, 129
RGB Percent	75%, 51%, 51%
CMY	0.2510, 0.4941, 0.4941
CMYK	0.00, 0.32, 0.32, 0.25
HSL	0°, 33%, 63%
HSV	0°, 32%, 75%
XYZ	33.2986, 28.3619, 24.4882
YIQ	147.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

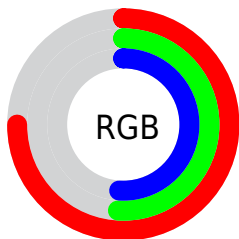
Format	Color
R_{YB}	191, 129, 129
Decimal	12550529
CIE _{Lab}	60.21, 23.97, 9.78
CIE _{LCh}	60, 25.886, 22.192
Yxy	28.3619, 0.3865, 0.3292
Android (android.graphics.Color)	4290740609 (0xFFBF8181)
YUV	147.5380, -9.1392, 38.1162
Hunter-Lab	53.2559, 18.4105, 10.0163

Details

The XYZ color **33.2986, 28.3619, 24.4882** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0873, 45.6887, 56.1544**, and the grayscale version is **27.9828, 29.4401, 32.0602**.

A 20% lighter version of the original color is **64.2384, 56.9730, 51.8671**, and **14.3973, 11.4054, 9.0321** is the 20% darker color. If you saturate the color by 10%, you get **29.8608, 23.3317, 17.6532**, and if you desaturate by 10%, it is **37.4454, 34.4301, 32.7309**.

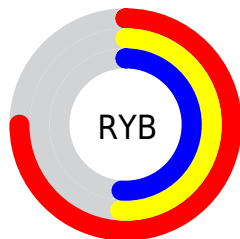
Distribution



Red (75%)

Green (51%)

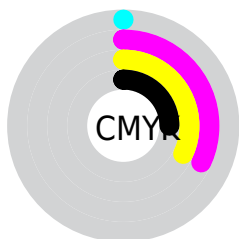
Blue (51%)



Red (75%)

Yellow (51%)

Blue (51%)

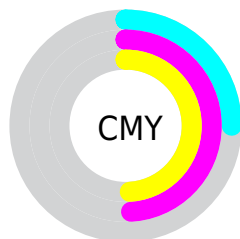


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2986, 28.3619, 24.4882 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 33.2986, 28.3619, 24.4882 by changing the saturation by 10% instead.


 33.2986, 28.3619,
24.4882


 33.2986, 28.3619,
24.4882


308.6343,
294.1922, 288.6451


 22.5156, 18.5986,
15.4806


 64.1930, 57.0617,
51.7795

 14.3550, 11.3806,
9.0070


 85.0351, 76.7671,
70.9003

 8.4513, 6.3235,
4.6489

 109.9610,
100.5552, 94.2292

 4.4393, 3.0427,
1.9877

139.3360,
128.8106, 122.1848

 1.9535, 1.1541,
0.5477

173.5255,
161.9176, 155.1857

 0.6077, 0.0237,
0.0000

212.8948,

 0.0000, 0.0000,

200.2606, 193.6503

0.0000

257.8093,
244.2240, 237.9973

■ 33.2986, 28.3619,
24.4882

■ 33.2986, 28.3619,
24.4882

■ 29.8608, 23.3317,
17.6532

■ 37.4454, 34.4301,
32.7309

■ 27.0903, 19.2776,
12.1457

■ 42.3354, 41.5856,
42.4522

■ 24.9445, 16.1376,
7.8800

■ 48.0033, 49.8793,
53.7199

■ 23.3748, 13.8406,
4.7597

■ 54.4810, 59.3578,
66.5974

■ 22.3257, 12.3054,
2.6744

■ 61.7984, 70.0652,
81.1446

■ 21.7306, 11.4345,
1.4916

■ 69.9842, 82.0432,
97.4180

■ 21.4861, 11.0767,
1.0056

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



33.7763, 28.3619, 33.4278



33.2986, 28.3619, 24.4882



31.0554, 28.3619, 18.5900

Triad

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



33.2986, 28.3619, 24.4882



22.2294, 28.3619, 20.9900



26.1006, 28.3619, 52.7210

Complementary

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



33.2986, 28.3619, 24.4882



37.0873, 45.6887, 56.1544

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.



23.2363, 28.3619, 47.6609



33.2986, 28.3619, 24.4882



21.1237, 28.3619, 28.4675

Square

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



33.2986, 28.3619, 24.4882



24.6211, 28.3619, 16.8777



21.4767, 28.3619, 38.3002



29.4364, 28.3619, 51.0496

Rectangle

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



33.2986, 28.3619, 24.4882



28.9534, 28.3619, 16.5606



21.4767, 28.3619, 38.3002



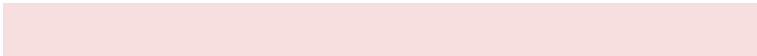
25.0548, 28.3619, 51.7200

Sweetspot

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



33.2994, 28.3633, 24.4888



78.0341, 77.7156, 80.4280



38.7403, 30.5387, 53.1431



16.8335, 16.6236, 17.0608



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.2994, 28.3633, 24.4888



55.1067, 44.1663, 34.8491



38.0193, 37.8032, 26.0621



9.5302, 9.5365, 9.9151



14.1203, 7.2795, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



37.0873, 45.6887, 56.1544



62.9493, 80.0369, 100.4100



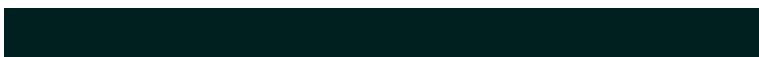
31.0283, 33.5706, 54.1348



9.8086, 10.8095, 12.2417



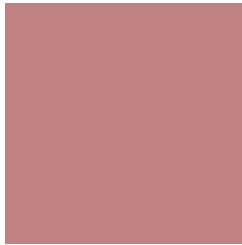
18.4222, 26.9562, 36.6250



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 33.2986, 28.3619, 24.4882 looks on a white background.

Color Contrast Check

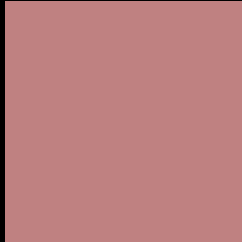
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2986, 28.3619, 24.4882 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 33.2986, 28.3619, 24.4882

Background



This preview shows how black text looks on a background with the XYZ color 33.2986, 28.3619, 24.4882.



This preview shows how white text looks on a background with the XYZ color 33.2986, 28.3619,

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

33.2986, 28.3619, 24.4882

Protanopia

27.2184, 28.5410, 27.7413

Deuteranopia

28.9347, 28.3955, 24.0345



Tritanopia

33.9728, 28.4510, 27.3679

Trichromacy



Original Color

33.2986, 28.3619, 24.4882

Protanomaly

29.0527, 28.1858, 26.4634

Deuteranomaly

30.3796, 28.2808, 24.2796

Tritanomaly

33.7605, 28.3660, 26.2501

Monochromacy



Original Color

33.2986, 28.3619, 24.4882

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6424, 28.8654, 29.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2986, 28.3619, 24.4882 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(191, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 129)  
}
```

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(191, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 129) }
```

Border

The CSS property to change the border of an element to XYZ 33.2986, 28.3619, 24.4882 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(191, 129, 129) }
```


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

```
.border{ border-color:rgb(191, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(191, 129,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2986, 28.3619, 24.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 129) }
```

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

```
.background{ background-color: rgb(191,  
129, 129) }
```

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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