

Converting Colors

XYZ(33.4406, 28.5639, 30.6232)

Have a look what the booklet for
XYZ(33.4406, 28.5639, 30.6232)
contains.

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Color

**XYZ(33.3432, 28.4487,
30.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8291
RGB	186, 130, 145
RGB Percent	73%, 51%, 57%
CMY	0.2706, 0.4902, 0.4314
CMYK	0.00, 0.30, 0.22, 0.27
HSL	344°, 29%, 62%
HSV	344°, 30%, 73%
XYZ	33.3432, 28.4487, 30.5218
YIQ	148.4540, 28.5610, 16.5370

Conversions

Conversions Part 2

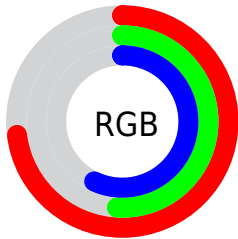
Format	Color
RYB	186, 130, 145
Decimal	12223121
CIELab	60.29, 23.79, 0.65
CIElCh	60, 23.800, 1.555
Yxy	28.4487, 0.3612, 0.3082
Android (android.graphics.Color)	4290413201 (0xFFBA8291)
YUV	148.4540, -1.7028, 32.9278
Hunter-Lab	53.3373, 18.2469, 3.4080

Details

The XYZ color **33.3432, 28.4487, 30.5218** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1168, 42.8047, 44.9943**, and the grayscale version is **28.3372, 29.8129, 32.4663**.

A 20% lighter version of the original color is **64.2044, 57.0452, 61.6597**, and **14.4499, 11.4691, 12.2786** is the 20% darker color. If you saturate the color by 10%, you get **30.1012, 23.5456, 24.5670**, and if you desaturate by 10%, it is **37.1599, 34.2992, 37.2900**.

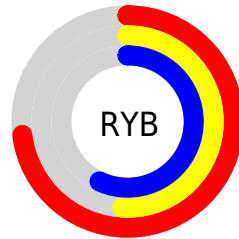
Distribution



Red (73%)

Green (51%)

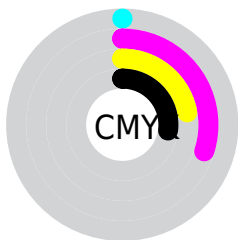
Blue (57%)



Red (73%)

Yellow (51%)

Blue (57%)

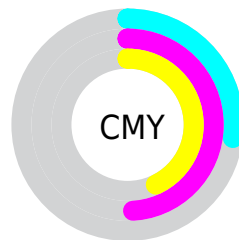


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3432, 28.4487, 30.5218 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 33.3432, 28.4487, 30.5218 by changing the saturation by 10% instead.


 33.3432, 28.4487,
30.5218


 33.3432, 28.4487,
30.5218


308.8311,
294.6048, 318.6119


 22.5500, 18.6642,
19.9796

 64.2621, 57.2000,
61.5571

 14.3804, 11.4279,
12.1963


 85.1184, 76.9356,
82.8873

 8.4692, 6.3554,
6.7533


 110.0599,
100.7570, 108.6506

 4.4509, 3.0624,
3.2322

139.4518,
129.0486, 139.2654

 1.9603, 1.1644,
1.2144

173.6595,
162.1947, 175.1505

 0.6115, 0.0323,
0.0000

213.0484,

 0.0000, 0.0000,

200.5799, 216.7242

0.0000

257.9838,
244.5885, 264.4051

■ 33.3432, 28.4487,
30.5218

■ 33.3432, 28.4487,
30.5218

■ 30.1012, 23.5456,
24.5670

■ 37.1599, 34.2992,
37.2900

■ 27.4030, 19.5360,
19.3924

■ 41.5754, 41.1394,
44.8993

■ 25.2183, 16.3665,
14.9651


■ 46.6154, 49.0139,
53.3786


■ 23.5128, 13.9765,
11.2490


■ 52.3032, 57.9633,
62.7544


■ 22.2478, 12.2971,
8.2049


■ 58.6611, 68.0261,
73.0525


 21.3780, 11.2471,
5.7891

 65.7102, 79.2388,
84.2973

 20.8215, 10.6679,
3.9581

 71.7875, 88.2702,
95.9515

 73.8914, 89.1118,
107.0308

 74.0599, 89.1792,
107.9177

Harmonies

Analogous

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



32.5372, 28.4487, 39.6945



33.3432, 28.4487, 30.5218



32.3573, 28.4487, 22.9837

Triad

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



33.3432, 28.4487, 30.5218



24.0822, 28.4487, 18.7436



24.3385, 28.4487, 48.2365

Complementary

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



33.3432, 28.4487, 30.5218



34.1168, 42.8047, 44.9943

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.



22.3390, 28.4487, 40.6342



33.3432, 28.4487, 30.5218



22.1990, 28.4487, 23.6375

Square

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



33.3432, 28.4487, 30.5218



26.8806, 28.4487, 17.0249



21.5852, 28.4487, 31.4343



27.1993, 28.4487, 51.0067

Rectangle

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



33.3432, 28.4487, 30.5218



30.8567, 28.4487, 19.5851



21.5852, 28.4487, 31.4343



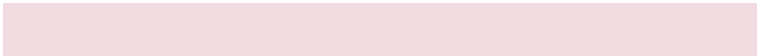
23.5511, 28.4487, 46.0987

Sweetspot

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



33.3440, 28.4500, 30.5224



76.1814, 75.8499, 82.7830



33.4530, 28.0728, 50.1102



16.4995, 16.2724, 17.7591



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.3440, 28.4500, 30.5224



56.5075, 45.6078, 48.1530



33.9728, 31.4378, 25.3983



9.1008, 9.0507, 9.8780



14.0352, 7.1878, 2.8062



0.5214, 0.2640, 0.2392

Inverse Universe

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



33.3440, 28.4500, 30.5224



56.5075, 45.6078, 48.1530



33.1802, 38.5126, 52.1396



9.1008, 9.0507, 9.8780



14.0352, 7.1878, 2.8062



0.5214, 0.2640, 0.2392

Previews

White Background



This preview shows how the XYZ color 33.3432, 28.4487, 30.5218 looks on a white background.

Color Contrast Check

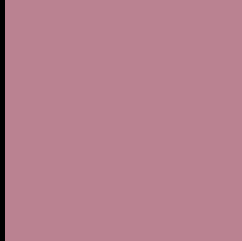
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3432, 28.4487, 30.5218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

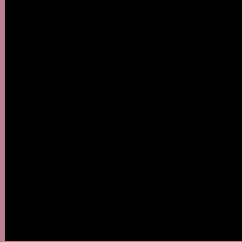
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.3432, 28.4487, 30.5218

Background



This preview shows how black text looks on a background with the XYZ color 33.3432, 28.4487, 30.5218.



This preview shows how white text looks on a background with the XYZ color 33.3432, 28.4487,

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

33.3432, 28.4487, 30.5218

Protanopia

27.8122, 28.6949, 34.6447

Deuteranopia

29.1807, 28.6100, 29.9709



Tritanopia

33.1737, 28.5948, 28.9702

Trichromacy



Original Color

33.3432, 28.4487, 30.5218

Protanomaly

29.6619, 28.5676, 33.2289

Deuteranomaly

30.5573, 28.4510, 30.2666

Tritanomaly

33.2485, 28.6247, 29.3639

Monochromacy



Original Color

33.3432, 28.4487, 30.5218

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6916, 28.8377, 31.6051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3432, 28.4487, 30.5218 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(186, 130, 145)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 145)  
}
```

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(186, 130, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 145) }
```

Border

The CSS property to change the border of an element to XYZ 33.3432, 28.4487, 30.5218 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(186, 130, 145) }
```


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

```
.border{ border-color:rgb(186, 130, 145) }
```

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

Here you see how a box with a 4 pixel rgb(186, 130, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 145);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3432, 28.4487, 30.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 145) }
```

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

```
.background{ background-color: rgb(186,  
130, 145) }
```

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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