

Converting Colors

XYZ(33.7361, 28.6751, 32.2003)

Have a look what the booklet for
XYZ(33.7361, 28.6751, 32.2003)
contains.

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Color

**XYZ(33.6571, 28.5743,
32.1752)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8295
RGB	186, 130, 149
RGB Percent	73%, 51%, 58%
CMY	0.2706, 0.4902, 0.4157
CMYK	0.00, 0.30, 0.20, 0.27
HSL	340°, 29%, 62%
HSV	340°, 30%, 73%
XYZ	33.6571, 28.5743, 32.1752
YIQ	148.9100, 27.2770, 17.7810

Conversions

Conversions Part 2

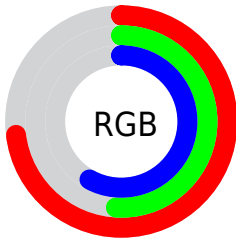
Format	Color
R _Y B	186, 130, 149
Decimal	12223125
CIE Lab	60.40, 24.41, -1.48
CIE LCh	60, 24.456, 356.523
Yxy	28.5743, 0.3565, 0.3027
Android (android.graphics.Color)	4290413205 (0xFFBA8295)
YUV	148.9100, 0.0444, 32.5279
Hunter-Lab	53.4549, 18.8437, 1.7311

Details

The XYZ color **33.6571, 28.5743, 32.1752** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7411, 42.6543, 43.0160**, and the grayscale version is **28.5217, 30.0071, 32.6777**.

A 20% lighter version of the original color is **64.6751, 57.2335, 64.1383**, and **14.5890, 11.5247, 13.0108** is the 20% darker color. If you saturate the color by 10%, you get **30.4731, 23.6944, 26.5256**, and if you desaturate by 10%, it is **37.3935, 34.3927, 38.5205**.

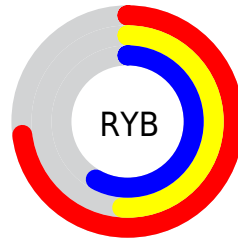
Distribution



Red (73%)

Green (51%)

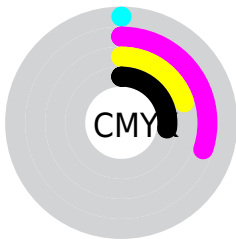
Blue (58%)



Red (73%)

Yellow (51%)

Blue (58%)

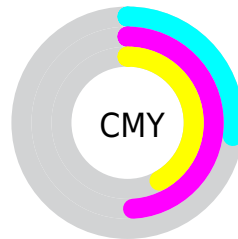


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6571, 28.5743, 32.1752 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 33.6571, 28.5743, 32.1752 by changing the saturation by 10% instead.


 33.6571, 28.5743,
32.1752


 33.6571, 28.5743,
32.1752


310.2132,
295.2011, 326.4339


 22.7919, 18.7590,
21.2294


 64.7479, 57.4000,
64.1867

 14.5598, 11.4963,
13.0989


 85.7043, 77.1793,
86.0896

 8.5953, 6.4017,
7.3652


 110.7551,
101.0487, 112.4819

 4.5332, 3.0908,
3.6096

140.2657,
129.3925, 143.7822

 2.0080, 1.1793,
1.4137

174.6015,
162.5953, 180.4089

 0.6384, 0.0447,
0.1524

214.1277,

 0.0000, 0.0000,

201.0414, 222.7808

0.0000

259.2099,
245.1152, 271.3163

■ 33.6571, 28.5743,
32.1752

■ 33.6571, 28.5743,
32.1752

■ 30.4731, 23.6944,
26.5256

■ 37.3935, 34.3927,
38.5205

■ 27.8117, 19.6995,
21.5451

■ 41.7052, 41.1914,
45.5832

■ 25.6441, 16.5368,
17.2077


■ 46.6168, 49.0145,
53.3864


■ 23.9374, 14.1463,
13.4850


■ 52.1506, 57.9023,
61.9513


■ 22.6543, 12.4597,
10.3461


■ 58.3279, 67.8928,
71.2984


 21.7516, 11.3966,
7.7567

 65.1689, 79.0223,
81.4475

 21.1497, 10.7991,
5.6869

 71.0097, 87.9591,
91.8564

 72.8480, 88.6944,
101.5365

 74.0598, 89.1791,
107.9177

Harmonies

Analogous

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



32.5249, 28.5743, 41.6829



33.6571, 28.5743, 32.1752



32.9404, 28.5743, 23.9982

Triad

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



33.6571, 28.5743, 32.1752



24.5457, 28.5743, 18.0410



23.9564, 28.5743, 47.9199

Complementary

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



33.6571, 28.5743, 32.1752



33.7411, 42.6543, 43.0160

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.



22.0971, 28.5743, 39.5100



33.6571, 28.5743, 32.1752



22.4184, 28.5743, 22.4998

Square

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



33.6571, 28.5743, 32.1752



27.5276, 28.5743, 16.8234



21.5562, 28.5743, 30.0736



26.7938, 28.5743, 51.8120

Rectangle

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



33.6571, 28.5743, 32.1752



31.5384, 28.5743, 20.1562



21.5562, 28.5743, 30.0736



23.2050, 28.5743, 45.4569

Sweetspot

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



33.6579, 28.5756, 32.1758



76.3965, 75.9359, 83.9157



32.6565, 27.6622, 50.0727



16.5537, 16.2941, 18.0444



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.



33.6579, 28.5756, 32.1758



57.1493, 45.8645, 51.5324



33.4259, 30.3441, 25.2160



9.1270, 9.0612, 10.0160



14.2607, 7.2780, 3.9936



0.5324, 0.2684, 0.2970

Inverse Universe

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



33.6579, 28.5756, 32.1758



57.1493, 45.8645, 51.5324



33.9107, 39.9736, 52.3829



9.1270, 9.0612, 10.0160



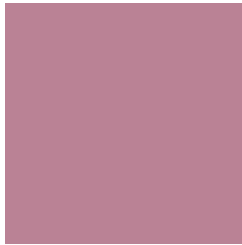
14.2607, 7.2780, 3.9936



0.5324, 0.2684, 0.2970

Previews

White Background



This preview shows how the XYZ color 33.6571, 28.5743, 32.1752 looks on a white background.

Color Contrast Check

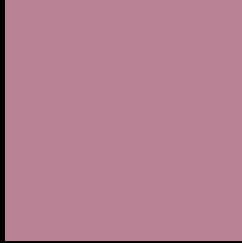
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6571, 28.5743, 32.1752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

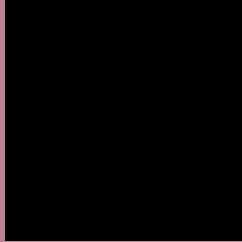
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6571, 28.5743, 32.1752

Background



This preview shows how black text looks on a background with the XYZ color 33.6571, 28.5743, 32.1752.



This preview shows how white text looks on a background with the XYZ color 33.6571, 28.5743,

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

33.6571, 28.5743, 32.1752

Protanopia

27.9740, 28.7392, 36.4206

Deuteranopia

29.2885, 28.6299, 31.5862



Tritanopia

32.9316, 28.4700, 28.9589

Trichromacy



Original Color

33.6571, 28.5743, 32.1752

Protanomaly

29.7917, 28.5963, 34.9598

Deuteranomaly

30.6531, 28.4645, 31.8956

Tritanomaly

33.1579, 28.5605, 30.1507

Monochromacy



Original Color

33.6571, 28.5743, 32.1752

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.9981, 29.1973, 32.4883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6571, 28.5743, 32.1752 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.6571, 28.5743, 32.1752 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, 149) }
```


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

```
.border{ border-color:rgb(186, 130, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 130, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 130, 149); box-shadow:4px 4px 4px 4px rgb(186, 130, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6571, 28.5743, 32.1752 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, 149) }
```

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

```
.background{ background-color: rgb(186,  
130, 149) }
```

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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