

Converting Colors

XYZ(33.4622, 29.9662, 32.6290)

Have a look what the booklet for
XYZ(33.4622, 29.9662, 32.6290)
contains.

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Color

**XYZ(33.4265, 29.8850,
32.4404)**

Conversions

Conversions Part 1

Format	Color
Hex	B58995
RGB	181, 137, 149
RGB Percent	71%, 54%, 58%
CMY	0.2902, 0.4627, 0.4157
CMYK	0.00, 0.24, 0.18, 0.29
HSL	344°, 23%, 62%
HSV	344°, 24%, 71%
XYZ	33.4265, 29.8850, 32.4404
YIQ	151.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

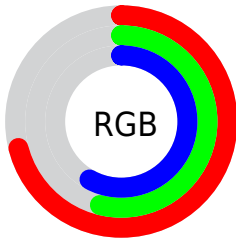
Format	Color
R_{YB}	181, 137, 149
Decimal	11897237
CIE Lab	61.55, 18.64, 0.14
CIE LCh	62, 18.641, 0.418
Yxy	29.8850, 0.3491, 0.3121
Android (android.graphics.Color)	4290087317 (0xFFB58995)
YUV	151.5240, -1.2443, 25.8505
Hunter-Lab	54.6672, 13.4771, 3.0834

Details

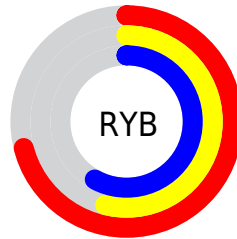
The XYZ color **33.4265, 29.8850, 32.4404** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0030, 41.2314, 43.7043**, and the grayscale version is **29.6392, 31.1827, 33.9580**.

A 20% lighter version of the original color is **64.3353, 59.5779, 64.6088**, and **14.3652, 12.2103, 13.1550** is the 20% darker color. If you saturate the color by 10%, you get **30.0739, 24.7677, 26.4272**, and if you desaturate by 10%, it is **37.3312, 35.9158, 39.2245**.

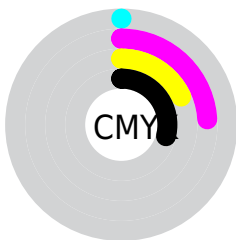
Distribution



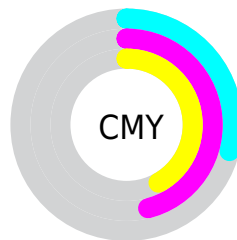
- Red (71%)
- Green (54%)
- Blue (58%)



- Red (71%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (29%)




- Cyan (29%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4265, 29.8850, 32.4404 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 33.4265, 29.8850, 32.4404 by changing the saturation by 10% instead.


 33.4265, 29.8850,
32.4404


 33.4265, 29.8850,
32.4404


309.1983,
301.3680, 327.6749


 22.6142, 19.7513,
21.4305

 64.3911, 59.4803,
64.6068

 14.4280, 12.2144,
13.2447


 85.2740, 79.7106,
86.6003

 8.5026, 6.8899,
7.4646

 110.2445,
104.0754, 113.0922

 4.4727, 3.3933,
3.6715

139.6680,
132.9588, 144.5009

 1.9729, 1.3404,
1.4469

173.9097,
166.7454, 181.2450

 0.6187, 0.1721,
0.1779

213.3351,

 0.0000, 0.0000,

205.8196, 223.7430

0.0000

258.3096,
250.5656, 272.4134

■ 33.4265, 29.8850,
32.4404

■ 33.4265, 29.8850,
32.4404

■ 30.0739, 24.7677,
26.4272

■ 37.3312, 35.9158,
39.2245

■ 27.2455, 20.5151,
21.1551

■ 41.8093, 42.8976,
46.8042

■ 24.9145, 17.0803,
16.5952


■ 46.8840, 50.8706,
55.2051


■ 23.0509, 14.4100,
12.7157


■ 52.5764, 59.8717,
64.4513

■ 21.6212, 12.4447,
9.4821


■ 58.9066, 69.9357,
74.5659


 20.5870, 11.1160,
6.8571

 65.8939, 81.0960,
85.5708

 19.9027, 10.3414,
4.7982

 70.7163, 87.7039,
96.5408

 19.6180, 10.0486,
3.8506

 72.7565, 88.5200,
107.2847

 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



32.7410, 29.8850, 39.7310



33.4265, 29.8850, 32.4404



32.7028, 29.8850, 26.1241

Triad

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



33.4265, 29.8850, 32.4404



26.0661, 29.8850, 22.1582



26.1229, 29.8850, 45.8678

Complementary

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



33.4265, 29.8850, 32.4404



34.0030, 41.2314, 43.7043

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.



24.5009, 29.8850, 39.9280



33.4265, 29.8850, 32.4404



24.4694, 29.8850, 26.2731

Square

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



33.4265, 29.8850, 32.4404



28.3701, 29.8850, 20.7399



23.9130, 29.8850, 32.6392



28.4395, 29.8850, 48.1338

Rectangle

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



33.4265, 29.8850, 32.4404



31.5415, 29.8850, 23.1375



23.9130, 29.8850, 32.6392



25.4833, 29.8850, 44.1959

Sweetspot

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



33.4273, 29.8864, 32.4410



72.5195, 73.1385, 79.8640



33.5494, 29.6125, 47.6638



15.5706, 15.6463, 17.0871



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.4273, 29.8864, 32.4410



56.6377, 48.5806, 52.3556



33.9337, 32.3538, 28.1250



8.5884, 8.5421, 9.3310



13.5498, 6.9375, 2.7891



0.4514, 0.2283, 0.2199

Inverse Universe

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



33.4273, 29.8864, 32.4410



56.6377, 48.5806, 52.3556



33.3093, 37.9579, 49.2873



8.5884, 8.5421, 9.3310



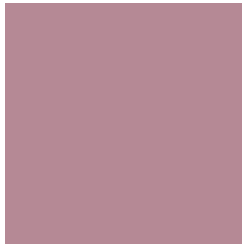
13.5498, 6.9375, 2.7891



0.4514, 0.2283, 0.2199

Previews

White Background



This preview shows how the XYZ color 33.4265, 29.8850, 32.4404 looks on a white background.

Color Contrast Check

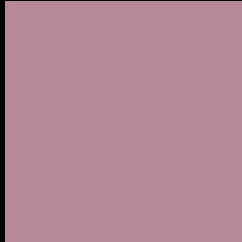
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4265, 29.8850, 32.4404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

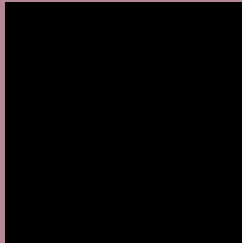
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.4265, 29.8850, 32.4404

Background



This preview shows how black text looks on a background with the XYZ color 33.4265, 29.8850, 32.4404.



This preview shows how white text looks on a background with the XYZ color 33.4265, 29.8850,

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

33.4265, 29.8850, 32.4404

Protanopia

29.0840, 30.0304, 35.2739

Deuteranopia

30.6284, 29.9771, 32.1889



Tritanopia

33.3470, 29.8532, 32.0216

Trichromacy



Original Color

33.4265, 29.8850, 32.4404

Protanomaly

30.4210, 29.8235, 34.2901

Deuteranomaly

31.4477, 29.7339, 32.0987

Tritanomaly

33.3470, 29.8532, 32.0216

Monochromacy



Original Color

33.4265, 29.8850, 32.4404

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.1239, 30.8883, 33.5998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4265, 29.8850, 32.4404 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(181, 137, 149)` looks like.

```
.text, #text, p{  
    color:rgb(181, 137, 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(181, 137, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 137, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.4265, 29.8850, 32.4404 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(181, 137, 149) }
```


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

```
.border{ border-color:rgb(181, 137, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 137, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 137, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 137, 149);  
box-shadow:4px 4px 4px 4px rgb(181, 137,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4265, 29.8850, 32.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 137, 149) }
```

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

```
.background{ background-color: rgb(181,  
137, 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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