

Converting Colors

XYZ(33.2464, 29.2481, 29.3447)

Have a look what the booklet for
XYZ(33.2464, 29.2481, 29.3447)
contains.

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Color

**XYZ(33.1747, 29.1935,
29.4776)**

Conversions

Conversions Part 1

Format	Color
Hex	B8868E
RGB	184, 134, 142
RGB Percent	72%, 53%, 56%
CMY	0.2784, 0.4745, 0.4431
CMYK	0.00, 0.27, 0.23, 0.28
HSL	350°, 26%, 62%
HSV	350°, 27%, 72%
XYZ	33.1747, 29.1935, 29.4776
YIQ	149.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

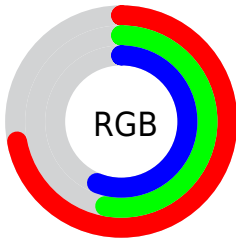
Format	Color
RYB	184, 134, 142
Decimal	12093070
CIELab	60.95, 20.35, 3.29
CIELCh	61, 20.616, 9.194
Yxy	29.1935, 0.3612, 0.3179
Android (android.graphics.Color)	4290283150 (0xFFB8868E)
YUV	149.8620, -3.8760, 29.9390
Hunter-Lab	54.0310, 15.0436, 5.4750

Details

The XYZ color **33.1747, 29.1935, 29.4776** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8096, 42.4845, 47.4420**, and the grayscale version is **28.9394, 30.4465, 33.1562**.

A 20% lighter version of the original color is **64.2227, 58.6527, 60.1608**, and **14.3080, 11.8592, 11.6602** is the 20% darker color. If you saturate the color by 10%, you get **29.7682, 24.1106, 23.0080**, and if you desaturate by 10%, it is **37.1862, 35.2284, 36.9435**.

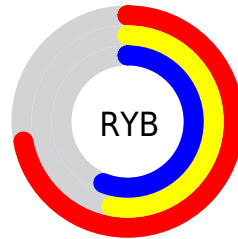
Distribution



Red (72%)

Green (53%)

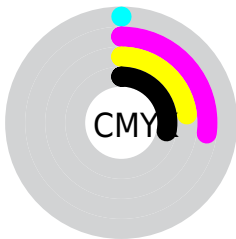
Blue (56%)



Red (72%)

Yellow (53%)

Blue (56%)

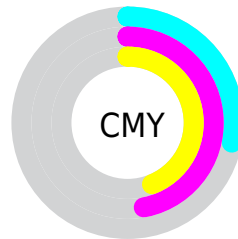


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1747, 29.1935, 29.4776 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 33.1747, 29.1935, 29.4776 by changing the saturation by 10% instead.


 33.1747, 29.1935,
29.4776


 33.1747, 29.1935,
29.4776

308.0873,
298.1269, 313.5929


 22.4202, 19.2272,
19.1937


 64.0010, 58.3844,
59.8863

 14.2843, 11.8346,
11.6321


 84.8036, 78.3778,
80.8481

 8.4017, 6.6312,
6.3742


 109.6862,
102.4824, 106.2064

 4.4070, 3.2325,
3.0015

139.0141,
131.0826, 136.3796

 1.9349, 1.2543,
1.0954

173.1529,
164.5627, 171.7864

 0.5970, 0.1054,
0.0000

212.4678,

 0.0000, 0.0000,

203.3072, 212.8451

0.0000

257.3241,
247.7004, 259.9745

■ 33.1747, 29.1935,
29.4776

■ 33.1747, 29.1935,
29.4776

■ 29.7682, 24.1106,
23.0080

■ 37.1862, 35.2284,
36.9435

■ 26.9349, 19.9272,
17.4907

■ 41.8279, 42.2563,
45.4438

■ 24.6434, 16.5919,
12.8809

■ 47.1262, 50.3206,
55.0166

■ 22.8587, 14.0464,
9.1293

■ 53.1054, 59.4610,
65.6976

■ 21.5413, 12.2250,
6.1822

■ 59.7888, 69.7152,
77.5209

■ 20.6456, 11.0514,
3.9794

■ 67.1982, 81.1189,
90.5189

■ 20.1096, 10.4177,
2.4493

■ 72.8140, 88.6251,
103.8761

■ 19.9943, 10.2812,
2.1211

■ 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



32.8704, 29.1935, 37.3459



33.1747, 29.1935, 29.4776



31.9536, 29.1935, 23.3123

Triad

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



33.1747, 29.1935, 29.4776



24.6047, 29.1935, 21.6304



25.9500, 29.1935, 47.7473

Complementary

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



33.1747, 29.1935, 29.4776



34.8096, 42.4845, 47.4420

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.



23.9278, 29.1935, 42.1002



33.1747, 29.1935, 29.4776



23.1867, 29.1935, 26.8086

Square

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



33.1747, 29.1935, 29.4776



26.9291, 29.1935, 19.2885



22.9471, 29.1935, 34.2135



28.5824, 29.1935, 48.7723

Rectangle

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



33.1747, 29.1935, 29.4776



30.4825, 29.1935, 20.6829



22.9471, 29.1935, 34.2135



25.1813, 29.1935, 46.2877

Sweetspot

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



33.1755, 29.1949, 29.4782



74.9635, 75.2943, 80.8128



35.0069, 29.7036, 49.2358



15.8759, 15.8001, 16.9026



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.1755, 29.1949, 29.4782



56.0754, 46.8494, 45.7498



35.0842, 33.9388, 27.2576



9.0616, 9.0350, 9.6720



13.7975, 7.0928, 1.5547



0.5048, 0.2574, 0.1519

Inverse Universe

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



33.1755, 29.1949, 29.4782



56.0754, 46.8494, 45.7498



32.3642, 36.2898, 50.6464



9.0616, 9.0350, 9.6720



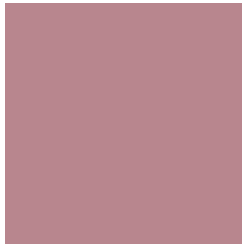
13.7975, 7.0928, 1.5547



0.5048, 0.2574, 0.1519

Previews

White Background



This preview shows how the XYZ color 33.1747, 29.1935, 29.4776 looks on a white background.

Color Contrast Check

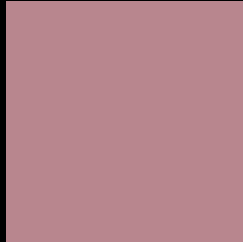
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1747, 29.1935, 29.4776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

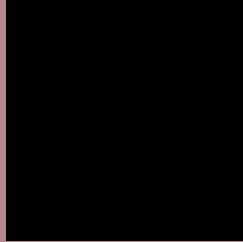
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1747, 29.1935, 29.4776

Background



This preview shows how black text looks on a background with the XYZ color 33.1747, 29.1935, 29.4776.



This preview shows how white text looks on a background with the XYZ color 33.1747, 29.1935,

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

33.1747, 29.1935, 29.4776

Protanopia

28.2530, 29.4269, 32.6246

Deuteranopia

29.7165, 29.1320, 28.8677



Tritanopia

33.3263, 29.2542, 30.2757

Trichromacy



Original Color

33.1747, 29.1935, 29.4776

Protanomaly

29.7616, 29.1027, 31.2429

Deuteranomaly

30.8349, 29.0463, 29.1806

Tritanomaly

33.2502, 29.2237, 29.8749

Monochromacy



Original Color

33.1747, 29.1935, 29.4776

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1400, 29.7345, 31.7545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1747, 29.1935, 29.4776 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(184, 134, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 134, 142)  
}
```

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(184, 134, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 134, 142) }
```

Border

The CSS property to change the border of an element to XYZ 33.1747, 29.1935, 29.4776 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(184, 134, 142) }
```


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

```
.border{ border-color:rgb(184, 134, 142) }
```

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

Here you see how a box with a 4 pixel rgb(184, 134, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 134, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 134, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 134,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1747, 29.1935, 29.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 134, 142) }
```

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

```
.background{ background-color: rgb(184,  
134, 142) }
```

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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