

Converting Colors

XYZ(33.4353, 30.7976, 29.4917)

Have a look what the booklet for
XYZ(33.4353, 30.7976, 29.4917)
contains.

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Color

**XYZ(33.3887, 30.7966,
29.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	B58D8D
RGB	181, 141, 141
RGB Percent	71%, 55%, 55%
CMY	0.2902, 0.4470, 0.4471
CMYK	0.00, 0.22, 0.22, 0.29
HSL	0°, 21%, 63%
HSV	0°, 22%, 71%
XYZ	33.3887, 30.7966, 29.3839
YIQ	152.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

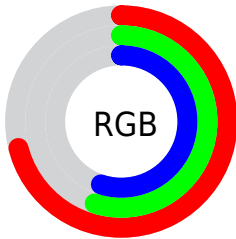
Format	Color
RYB	181, 141, 141
Decimal	11898253
CIELab	62.34, 15.14, 5.82
CIElCh	62, 16.221, 21.012
Yxy	30.7966, 0.3568, 0.3291
Android (android.graphics.Color)	4290088333 (0xFFB58D8D)
YUV	152.9600, -5.8963, 24.5911
Hunter-Lab	55.4947, 10.2799, 7.4528

Details

The XYZ color **33.3887, 30.7966, 29.3839** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8486, 42.0457, 49.9426**, and the grayscale version is **30.2791, 31.8560, 34.6912**.

A 20% lighter version of the original color is **64.2905, 60.9749, 60.0106**, and **14.3818, 12.7495, 11.6004** is the 20% darker color. If you saturate the color by 10%, you get **29.6965, 25.3940, 22.0428**, and if you desaturate by 10%, it is **37.7389, 37.1623, 38.0309**.

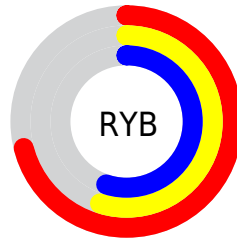
Distribution



Red (71%)

Green (55%)

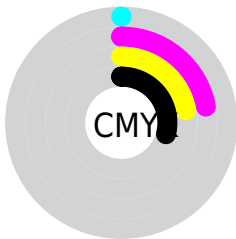
Blue (55%)



Red (71%)

Yellow (55%)

Blue (55%)

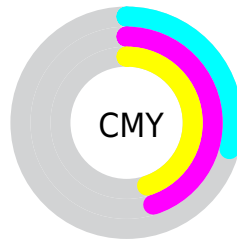


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3887, 30.7966, 29.3839 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 33.3887, 30.7966, 29.3839 by changing the saturation by 10% instead.


 33.3887, 30.7966,
29.3839


 33.3887, 30.7966,
29.3839


309.0317,
305.6002, 313.1394


 22.5850, 20.4440,
19.1234


 64.3325, 60.9197,
59.7359

 14.4064, 12.7182,
11.5817


 85.2034, 81.4590,
80.6645

 8.4875, 7.2348,
6.3405


 110.1608,
106.1627, 105.9861

 4.4628, 3.6094,
2.9811

139.5699,
135.4151, 136.1194

 1.9672, 1.4575,
1.0850

173.7962,
169.6006, 171.4828

 0.6154, 0.2586,
0.0000

213.2051,

 0.0000, 0.0000,

209.1037, 212.4949

0.0000

258.1618,
254.3088, 259.5743

■ 33.3887, 30.7966,
29.3839

■ 33.3887, 30.7966,
29.3839

■ 29.6965, 25.3940,
22.0428

■ 37.7389, 37.1623,
38.0309

■ 26.6278, 20.9036,
15.9424

■ 42.7741, 44.5302,
48.0410

■ 24.1490, 17.2764,
11.0148

■ 48.5231, 52.9425,
59.4700

■ 22.2223, 14.4570,
7.1847

■ 55.0121, 62.4377,
72.3705

■ 20.8054, 12.3837,
4.3683

■ 62.2663, 73.0524,
86.7919

■ 19.8501, 10.9857,
2.4695

■ 70.3093, 84.8213,
102.7817

■ 19.2988, 10.1790,
1.3738

■ 72.8662, 88.5638,
107.8618

■ 19.0564, 9.8242,
0.8919

Harmonies

Analogous

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



33.6390, 30.7966, 35.4554



33.3887, 30.7966, 29.3839



32.0065, 30.7966, 24.9905

Triad

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



33.3887, 30.7966, 29.3839



26.1130, 30.7966, 26.4907



28.6171, 30.7966, 46.9377

Complementary

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



33.3887, 30.7966, 29.3839



35.8486, 42.0457, 49.9426

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.



26.6964, 30.7966, 43.8275



33.3887, 30.7966, 29.3839



25.2989, 30.7966, 31.6799

Square

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



33.3887, 30.7966, 29.3839



27.7845, 30.7966, 23.4708



25.5070, 30.7966, 38.0538



30.8102, 30.7966, 46.1228

Rectangle

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



33.3887, 30.7966, 29.3839



30.6654, 30.7966, 23.3559



25.5070, 30.7966, 38.0538



27.9200, 30.7966, 46.3036

Sweetspot

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



33.3895, 30.7980, 29.3845



71.9252, 72.9013, 76.7324



36.9218, 32.2101, 47.9876



15.4326, 15.5912, 16.3600



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.



33.3895, 30.7980, 29.3845



56.1170, 49.7696, 45.3060



36.6090, 37.2370, 30.4577



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



35.8486, 42.0457, 49.9426



61.3809, 73.8469, 89.3134



32.0703, 34.4891, 48.6832



8.7426, 9.6314, 10.9046



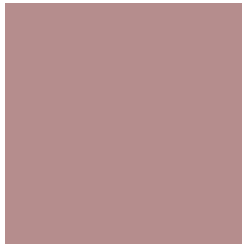
17.1389, 25.0783, 34.0743



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 33.3887, 30.7966, 29.3839 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 33.3887, 30.7966, 29.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

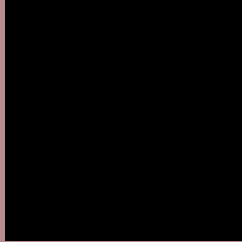
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3887, 30.7966, 29.3839

Background



This preview shows how black text looks on a background with the XYZ color 33.3887, 30.7966, 29.3839.



This preview shows how white text looks on a background with the XYZ color 33.3887, 30.7966,

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

33.3887, 30.7966, 29.3839

Protanopia

29.6122, 30.8566, 31.5893

Deuteranopia

31.5901, 30.9973, 29.1290



Tritanopia

34.1745, 30.9033, 33.0179

Trichromacy



Original Color

33.3887, 30.7966, 29.3839

Protanomaly

30.7776, 30.7736, 30.7033

Deuteranomaly

32.1624, 30.8386, 29.0683

Tritanomaly

33.9359, 30.8078, 31.7617

Monochromacy



Original Color

33.3887, 30.7966, 29.3839

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.2765, 31.4513, 32.8560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3887, 30.7966, 29.3839 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, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(181, 141, 141)  
}
```

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, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 33.3887, 30.7966, 29.3839 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, 141, 141) }
```


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

```
.border{ border-color:rgb(181, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(181, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3887, 30.7966, 29.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 141, 141) }
```

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

```
.background{ background-color: rgb(181,  
141, 141) }
```

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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