

Converting Colors

XYZ(33.2607, 29.6306, 28.6891)

Have a look what the booklet for
XYZ(33.2607, 29.6306, 28.6891)
contains.

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Color

**XYZ(33.3049, 29.6921,
28.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	B8888C
RGB	184, 136, 140
RGB Percent	72%, 53%, 55%
CMY	0.2784, 0.4666, 0.4510
CMYK	0.00, 0.26, 0.24, 0.28
HSL	355°, 25%, 63%
HSV	355°, 26%, 72%
XYZ	33.3049, 29.6921, 28.7867
YIQ	150.8080, 27.3240, 11.4200

Conversions

Conversions Part 2

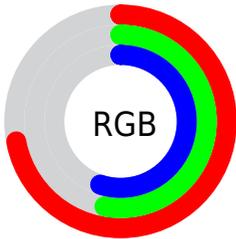
Format	Color
RYB	184, 136, 140
Decimal	12093580
CIELab	61.39, 18.93, 5.06
CIELCh	61, 19.599, 14.974
Yxy	29.6921, 0.3629, 0.3235
Android (android.graphics.Color)	4290283660 (0xFFB8888C)
YUV	150.8080, -5.3283, 29.1094
Hunter-Lab	54.4905, 13.7420, 6.8211

Details

The XYZ color **33.3049, 29.6921, 28.7867** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.5332, 42.8111, 49.5727**, and the grayscale version is **29.3479, 30.8762, 33.6242**.

A 20% lighter version of the original color is **64.3147, 59.3779, 58.5234**, and **14.3792, 12.1396, 11.2582** is the 20% darker color. If you saturate the color by 10%, you get **29.7827, 24.4877, 21.9394**, and if you desaturate by 10%, it is **37.4643, 35.8652, 36.7877**.

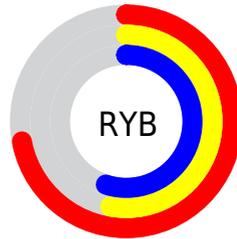
Distribution



Red (72%)

Green (53%)

Blue (55%)



Red (72%)

Yellow (53%)

Blue (55%)

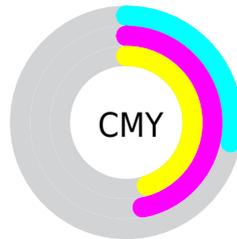


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3049, 29.6921, 28.7867 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 33.3049, 29.6921, 28.7867 by changing the saturation by 10% instead.

 33.3049, 29.6921,
28.7867

 33.3049, 29.6921,
28.7867

308.6621,
300.4666, 310.2366

 22.5205, 19.6050,
18.6753

 64.2028, 59.1749,
58.7762

 14.3586, 12.1082,
11.2615

 85.0469, 79.3394,
79.4913

 8.4538, 6.8174,
6.1266

 109.9750,
103.6318, 104.5782

 4.4409, 3.3482,
2.8522

139.3524,
132.4366, 134.4553

 1.9545, 1.3161,
1.0197

173.5444,
166.1380, 169.5411

 0.6082, 0.1536,
0.0000

212.9165,

 0.0000, 0.0000,

205.1206, 210.2542

0.0000

257.8340,
249.7687, 257.0132

■ 33.3049, 29.6921,
28.7867

■ 33.3049, 29.6921,
28.7867

■ 29.7827, 24.4877,
21.9394

■ 37.4643, 35.8652,
36.7877

■ 26.8638, 20.1990,
16.1909

■ 42.2877, 43.0484,
45.9904

■ 24.5150, 16.7742,
11.4845

■ 47.8032, 51.2855,
56.4421

■ 22.6989, 14.1546,
7.7575

■ 54.0367, 60.6168,
68.1872

■ 21.3736, 12.2743,
4.9407

■ 61.0127, 71.0801,
81.2677

■ 20.4907, 11.0569,
2.9557

■ 68.7546, 82.7118,
95.7239

■ 19.9895, 10.4044,
1.7100

■ 73.5772, 88.9304,
107.8951

■ 19.8557, 10.2258,
1.3913

Harmonies

Analogous

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



33.3036, 29.6921, 36.1657



33.3049, 29.6921, 28.7867



31.8888, 29.6921, 23.2697

Triad

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



33.3049, 29.6921, 28.7867



24.8496, 29.6921, 23.2623



26.9513, 29.6921, 48.1332

Complementary

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



33.3049, 29.6921, 28.7867



35.5332, 42.8111, 49.5727

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.



24.8466, 29.6921, 43.4802



33.3049, 29.6921, 28.7867



23.6846, 29.6921, 28.7749

Square

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



33.3049, 29.6921, 28.7867



26.9556, 29.6921, 20.4275



23.6835, 29.6921, 36.1520



29.5263, 29.6921, 48.1376

Rectangle

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



33.3049, 29.6921, 28.7867



30.3786, 29.6921, 21.0627



23.6835, 29.6921, 36.1520



26.1690, 29.6921, 47.0328

Sweetspot

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



33.3057, 29.6935, 28.7873



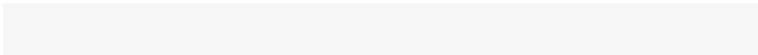
74.7654, 75.2151, 79.7695



36.2791, 30.7737, 49.3753



15.8262, 15.7802, 16.6411



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.



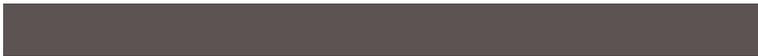
33.3057, 29.6935, 28.7873



56.7657, 48.4875, 45.1857



36.1004, 35.7459, 28.2913



9.0342, 9.0240, 9.5273



13.6957, 7.0520, 1.0185



0.4931, 0.2527, 0.0899

Inverse Universe

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



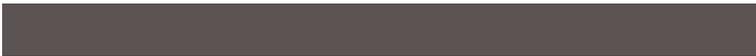
33.3057, 29.6935, 28.7873



56.7657, 48.4875, 45.1857



32.0817, 35.2470, 50.4600



9.0342, 9.0240, 9.5273



13.6957, 7.0520, 1.0185



0.4931, 0.2527, 0.0899

Previews

White Background



This preview shows how the XYZ color 33.3049, 29.6921, 28.7867 looks on a white background.

Color Contrast Check

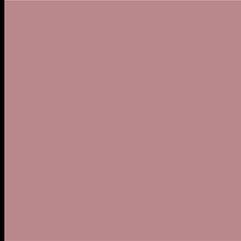
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3049, 29.6921, 28.7867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

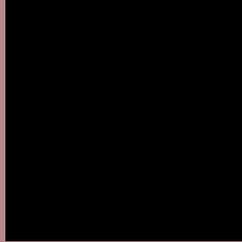
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.3049, 29.6921, 28.7867

Background



This preview shows how black text looks on a background with the XYZ color 33.3049, 29.6921, 28.7867.



This preview shows how white text looks on a background with the XYZ color 33.3049, 29.6921,

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

33.3049, 29.6921, 28.7867

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

30.4190, 29.7245, 28.5602



Tritanopia

33.8599, 29.7176, 31.1456

Trichromacy



Original Color

33.3049, 29.6921, 28.7867

Protanomaly

30.3171, 29.8526, 30.5498

Deuteranomaly

31.2719, 29.5045, 28.4728

Tritanomaly

33.7056, 29.6559, 30.3332

Monochromacy



Original Color

33.3049, 29.6921, 28.7867

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.6496, 30.4509, 31.8660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3049, 29.6921, 28.7867 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, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(184, 136, 140)  
}
```

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, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 136, 140) }
```

Border

The CSS property to change the border of an element to XYZ 33.3049, 29.6921, 28.7867 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, 136, 140) }
```

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

```
.border{ border-color:rgb(184, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(184, 136,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3049, 29.6921, 28.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 136, 140) }
```

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

```
.background{ background-color: rgb(184,  
136, 140) }
```

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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