

Converting Colors

XYZ(33.3086, 28.9205, 24.0769)

Have a look what the booklet for
XYZ(33.3086, 28.9205, 24.0769)
contains.

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Color

**XYZ(33.3828, 29.0082,
24.2618)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8480
RGB	190, 132, 128
RGB Percent	75%, 52%, 50%
CMY	0.2549, 0.4823, 0.4980
CMYK	0.00, 0.31, 0.33, 0.25
HSL	4°, 32%, 62%
HSV	4°, 33%, 75%
XYZ	33.3828, 29.0082, 24.2618
YIQ	148.8860, 35.8520, 11.0520

Conversions

Conversions Part 2

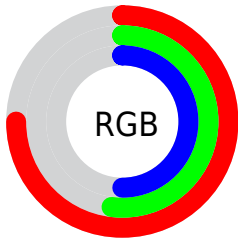
Format	Color
R _Y B	190, 132, 128
Decimal	12485760
CIE Lab	60.79, 21.79, 11.14
CIE LCh	61, 24.473, 27.087
Yxy	29.0082, 0.3852, 0.3348
Android (android.graphics.Color)	4290675840 (0xFFBE8480)
YUV	148.8860, -10.2968, 36.0570
Hunter-Lab	53.8593, 16.3833, 10.9933

Details

The XYZ color **33.3828, 29.0082, 24.2618** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7548, 43.4234, 55.2125**, and the grayscale version is **28.5512, 30.0381, 32.7114**.

A 20% lighter version of the original color is **64.4009, 57.9906, 51.5151**, and **14.4202, 11.7500, 8.9051** is the 20% darker color. If you saturate the color by 10%, you get **30.0392, 24.1383, 17.5442**, and if you desaturate by 10%, it is **37.3728, 34.7957, 32.3507**.

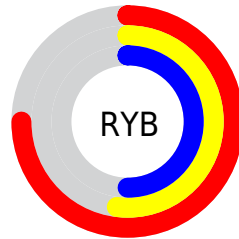
Distribution



Red (75%)

Green (52%)

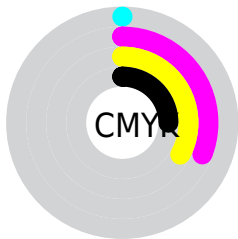
Blue (50%)



Red (75%)

Yellow (52%)

Blue (50%)

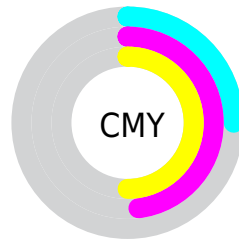


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3828, 29.0082, 24.2618 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 33.3828, 29.0082, 24.2618 by changing the saturation by 10% instead.


 33.3828, 29.0082,
24.2618


 33.3828, 29.0082,
24.2618

309.0057,
297.2536, 287.4705


 22.5805, 19.0870,
15.3139


 64.3234, 58.0901,
51.4063

 14.4030, 11.7332,
8.8910


 85.1924, 78.0196,
70.4399

 8.4851, 6.5623,
4.5743


 110.1477,
102.0541, 93.6727

 4.4613, 3.1899,
1.9454

139.5546,
130.5778, 121.5229

 1.9663, 1.2317,
0.5214

173.7785,
163.9752, 154.4093

 0.6149, 0.0873,
0.0000

213.1848,

 0.0000, 0.0000,

202.6308, 192.7503

0.0000

258.1387,
246.9288, 236.9645

■ 33.3828, 29.0082,
24.2618

■ 33.3828, 29.0082,
24.2618

■ 30.0392, 24.1383,
17.5442

■ 37.3728, 34.7957,
32.3507

■ 27.3056, 20.1351,
12.1204

■ 42.0382, 41.5402,
41.8794

■ 25.1460, 16.9489,
7.9075

■ 47.4092, 49.2837,
52.9136

■ 23.5192, 14.5233,
4.8126

■ 53.5134, 58.0647,
65.5147

■ 22.3788, 12.7949,
2.7291

■ 60.3769, 67.9194,
79.7405

■ 21.6701, 11.6899,
1.5297

■ 68.0247, 78.8824,
95.6460

■ 21.3701, 11.2167,
1.0387

■ 75.0453, 89.6872,
107.9638

Harmonies

Analogous

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



34.1416, 29.0082, 32.4834



33.3828, 29.0082, 24.2618



31.0298, 29.0082, 19.0445

Triad

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



33.3828, 29.0082, 24.2618



22.7492, 29.0082, 22.9917



27.2618, 29.0082, 52.5060

Complementary

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



33.3828, 29.0082, 24.2618



35.7548, 43.4234, 55.2125

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.



24.3800, 29.0082, 48.6891



33.3828, 29.0082, 24.2618



21.9034, 29.0082, 30.7034

Square

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



33.3828, 29.0082, 24.2618



24.8793, 29.0082, 18.4164



22.4769, 29.0082, 40.2509



30.4511, 29.0082, 49.8865

Rectangle

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



33.3828, 29.0082, 24.2618



28.9608, 29.0082, 17.4038



22.4769, 29.0082, 40.2509



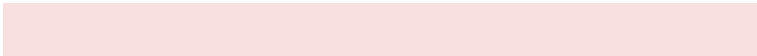
26.2272, 29.0082, 51.9184

Sweetspot

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



33.3836, 29.0096, 24.2624



78.4615, 78.5703, 80.5704



37.9136, 29.9694, 50.7442



16.9384, 16.8334, 17.0957



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.3836, 29.0096, 24.2624



56.1339, 46.2206, 35.1915



38.0697, 38.3819, 25.8244



9.5783, 9.6326, 9.9311



14.2310, 7.5009, 0.6978



0.5745, 0.3280, 0.0330

Inverse Universe

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



35.7548, 43.4234, 55.2125



61.0744, 76.2872, 99.7851



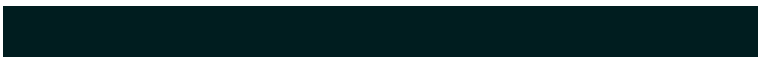
30.0684, 32.0507, 53.3170



9.7544, 10.7011, 12.2236



16.7529, 23.6175, 36.0686



0.6723, 0.9572, 1.4182

Previews

White Background



This preview shows how the XYZ color 33.3828, 29.0082, 24.2618 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 33.3828, 29.0082, 24.2618 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 33.3828, 29.0082, 24.2618

Background



This preview shows how black text looks on a background with the XYZ color 33.3828, 29.0082, 24.2618.



This preview shows how white text looks on a background with the XYZ color 33.3828, 29.0082,

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

33.3828, 29.0082, 24.2618

Protanopia

27.6717, 29.0107, 27.4337

Deuteranopia

29.6530, 28.9911, 23.7716



Tritanopia

34.2021, 28.9351, 28.5933

Trichromacy



Original Color

33.3828, 29.0082, 24.2618

Protanomaly

29.4844, 28.8502, 26.2050

Deuteranomaly

31.0507, 29.0564, 24.0506

Tritanomaly

34.0461, 29.0865, 27.1124

Monochromacy



Original Color

33.3828, 29.0082, 24.2618

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.9400, 29.4605, 29.3077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3828, 29.0082, 24.2618 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(190, 132, 128)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 128)  
}
```

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(190, 132, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 128) }
```

Border

The CSS property to change the border of an element to XYZ 33.3828, 29.0082, 24.2618 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(190, 132, 128) }
```


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

```
.border{ border-color:rgb(190, 132, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 132, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 132, 128);  
box-shadow:4px 4px 4px 4px rgb(190, 132,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3828, 29.0082, 24.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 128) }
```

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

```
.background{ background-color: rgb(190,  
132, 128) }
```

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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