

Converting Colors

XYZ(40.3530, 33.5406, 30.4037)

Have a look what the booklet for
XYZ(40.3530, 33.5406, 30.4037)
contains.

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Color

**XYZ(40.1981, 33.4298,
30.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	D1898F
RGB	209, 137, 143
RGB Percent	82%, 54%, 56%
CMY	0.1804, 0.4627, 0.4392
CMYK	0.00, 0.34, 0.32, 0.18
HSL	355°, 44%, 68%
HSV	355°, 34%, 82%
XYZ	40.1981, 33.4298, 30.3205
YIQ	159.2120, 40.9860, 17.1300

Conversions

Conversions Part 2

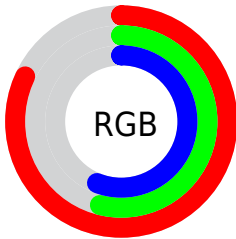
Format	Color
R _Y B	209, 137, 143
Decimal	13732239
CIE Lab	64.51, 28.30, 8.20
CIE LCh	65, 29.462, 16.165
Yxy	33.4298, 0.3867, 0.3216
Android (android.graphics.Color)	4291922319 (0xFFD1898F)
YUV	159.2120, -7.9925, 43.6641
Hunter-Lab	57.8185, 22.9191, 9.3808

Details

The XYZ color **40.1981, 33.4298, 30.3205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8980, 55.2319, 64.8500**, and the grayscale version is **33.0747, 34.7972, 37.8942**.

A 20% lighter version of the original color is **69.9488, 62.5528, 61.2105**, and **18.4404, 14.2182, 12.1284** is the 20% darker color. If you saturate the color by 10%, you get **36.1802, 27.5217, 22.4215**, and if you desaturate by 10%, it is **45.0412, 40.5912, 39.7182**.

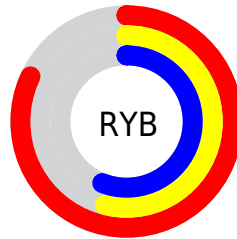
Distribution



Red (82%)

Green (54%)

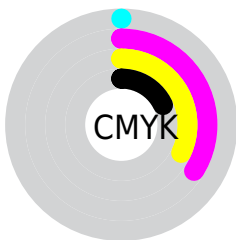
Blue (56%)



Red (82%)

Yellow (54%)

Blue (56%)

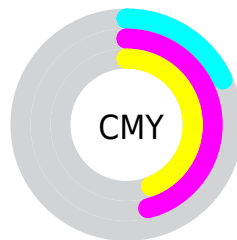


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1981, 33.4298, 30.3205 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 40.1981, 33.4298, 30.3205 by changing the saturation by 10% instead.


 40.1981, 33.4298,
30.3205


 40.1981, 33.4298,
30.3205


338.0779,
317.5820, 317.6492

 27.8779, 22.4559,
19.8279


 74.7475, 65.0460,
61.2356

 18.3736, 14.1923,
12.0871


 97.7074, 86.4570,
82.4952

 11.3199, 8.2545,
6.6798


 124.9447,
112.1160, 108.1809

 6.3513, 4.2582,
3.1873

156.8246,
142.4071, 138.7112

 3.1025, 1.8190,
1.1910

193.7125,
177.7149, 174.5046

 1.2082, 0.4990,
0.0000

235.9738,

 0.1128, 0.0000,

218.4237, 215.9797

0.0000

283.9738,
264.9179, 263.5551

■ 0.0000, 0.0000,
0.0000

■ 40.1981, 33.4298,
30.3205

■ 40.1981, 33.4298,
30.3205

■ 36.1802, 27.5217,
22.4215

■ 45.0412, 40.5912,
39.7182

■ 32.9388, 22.7902,
15.9419

■ 50.7491, 49.0670,
50.6845

■ 30.4243, 19.1580,
10.7979

■ 57.3622, 58.9202,
63.2873

■ 28.5803, 16.5363,
6.8960

■ 64.9175, 70.2084,
77.5898

■ 27.3420, 14.8227,
4.1309

■ 73.4500, 82.9858,
93.6521

■ 26.6314, 13.8929,
2.3793

■ 80.1046, 92.2953,
108.2006

■ 26.3989, 13.5971,
1.7802

Harmonies

Analogous

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



40.2978, 33.4298, 42.2279



40.1981, 33.4298, 30.3205



37.7151, 33.4298, 22.1097

Triad

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



40.1981, 33.4298, 30.3205



26.2865, 33.4298, 22.5910



29.8778, 33.4298, 63.8614

Complementary

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



40.1981, 33.4298, 30.3205



43.8980, 55.2319, 64.8500

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.



26.4921, 33.4298, 55.8086



40.1981, 33.4298, 30.3205



24.5459, 33.4298, 31.1334

Square

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



40.1981, 33.4298, 30.3205



29.5738, 33.4298, 18.3679



24.6176, 33.4298, 43.2408



34.0808, 33.4298, 63.5073

Rectangle

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



40.1981, 33.4298, 30.3205



35.1579, 33.4298, 19.0483



24.6176, 33.4298, 43.2408



28.6145, 33.4298, 61.9827

Sweetspot

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



40.1990, 33.4314, 30.3212



83.9099, 83.3806, 87.7354



45.0839, 35.1929, 64.7385



17.6507, 17.3860, 18.1886



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



40.1990, 33.4314, 30.3212



58.4899, 45.7252, 38.6153



44.6296, 43.0003, 29.6166



11.8481, 11.8240, 12.4761



16.2918, 8.3895, 1.1767



0.9251, 0.4748, 0.1404

Inverse Universe

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



40.1990, 33.4314, 30.3212



58.4899, 45.7252, 38.6153



37.9467, 42.1635, 66.4601



11.8481, 11.8240, 12.4761



16.2918, 8.3895, 1.1767



0.9251, 0.4748, 0.1404

Previews

White Background



This preview shows how the XYZ color 40.1981, 33.4298, 30.3205 looks on a white background.

Color Contrast Check

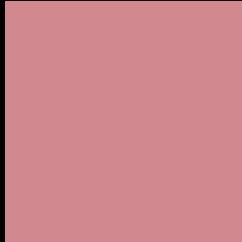
Large Text (above 18pt) WCAG AA × Fail

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 40.1981, 33.4298, 30.3205 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 40.1981, 33.4298, 30.3205

Background



This preview shows how black text looks on a background with the XYZ color 40.1981, 33.4298, 30.3205.



This preview shows how white text looks on a background with the XYZ color 40.1981, 33.4298,

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

40.1981, 33.4298, 30.3205

Protanopia

32.1354, 33.5504, 34.9192

Deuteranopia

34.1603, 33.4916, 29.4750



Tritanopia

40.3651, 33.2702, 31.8981

Trichromacy



Original Color

40.1981, 33.4298, 30.3205

Protanomaly

34.5324, 33.1298, 33.0084

Deuteranomaly

36.0729, 33.2997, 29.7255

Tritanomaly

40.2870, 33.2390, 31.4865

Monochromacy



Original Color

40.1981, 33.4298, 30.3205

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.9478, 33.7802, 34.8153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1981, 33.4298, 30.3205 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(209, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(209, 137, 143)  
}
```

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(209, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 137, 143) }
```

Border

The CSS property to change the border of an element to XYZ 40.1981, 33.4298, 30.3205 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(209, 137, 143) }
```


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

```
.border{ border-color:rgb(209, 137, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 137, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(209, 137,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1981, 33.4298, 30.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 137, 143) }
```

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

```
.background{ background-color: rgb(209,  
137, 143) }
```

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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