

Converting Colors

XYZ(41.8375, 33.0611, 29.3757)

Have a look what the booklet for
XYZ(41.8375, 33.0611, 29.3757)
contains.

XYZ(41.8375, 33.0611, 29.3757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.8375, 33.0611,
29.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	DA838D
RGB	218, 131, 141
RGB Percent	85%, 51%, 55%
CMY	0.1451, 0.4863, 0.4471
CMYK	0.00, 0.40, 0.35, 0.15
HSL	353°, 54%, 68%
HSV	353°, 40%, 85%
XYZ	41.8375, 33.0611, 29.3757
YIQ	158.1530, 48.6420, 21.5540

Conversions

Conversions Part 2

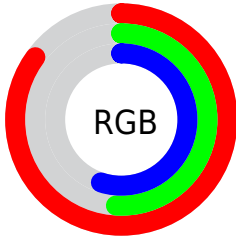
Format	Color
R _Y B	218, 131, 141
Decimal	14320525
CIE Lab	64.21, 34.61, 9.06
CIE LCh	64, 35.778, 14.670
Yxy	33.0611, 0.4012, 0.3171
Android (android.graphics.Color)	4292510605 (0xFFDA838D)
YUV	158.1530, -8.4564, 52.4858
Hunter-Lab	57.4988, 29.2580, 9.9583

Details

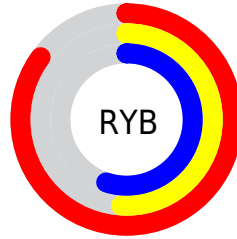
The XYZ color **41.8375, 33.0611, 29.3757** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.8182, 59.5230, 68.7519**, and the grayscale version is **32.5913, 34.2886, 37.3403**.

A 20% lighter version of the original color is **68.4393, 59.8981, 59.5841**, and **19.4549, 14.0697, 11.5879** is the 20% darker color. If you saturate the color by 10%, you get **37.8988, 27.2845, 21.5859**, and if you desaturate by 10%, it is **46.6441, 40.1728, 38.6895**.

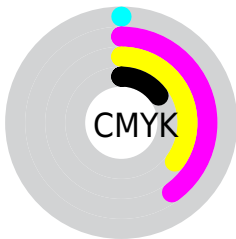
Distribution



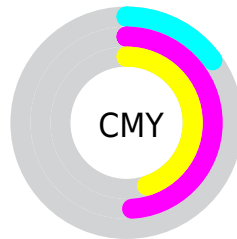
- Red (85%)
- Green (51%)
- Blue (55%)



- Red (85%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8375, 33.0611, 29.3757 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 41.8375, 33.0611, 29.3757 by changing the saturation by 10% instead.


 41.8375, 33.0611,
29.3757


 41.8375, 33.0611,
29.3757


344.8120,
315.9250, 313.0997


 29.1646, 22.1733,
19.1172


 77.2203, 64.4709,
59.7228

 19.3503, 13.9843,
11.5773


 100.6610, 85.7617,
80.6484

 12.0292, 8.1097,
6.3375


 128.4217,
111.2888, 105.9668

 6.8359, 4.1652,
2.9793

160.8676,
141.4368, 136.0966

 3.4051, 1.7664,
1.0841

198.3643,
176.5901, 171.4562

 1.3714, 0.4661,
0.0000

241.2770,

 0.2357, 0.0000,

217.1329, 212.4642

0.0000

289.9711,
263.4497, 259.5392

■ 0.0000, 0.0000,
0.0000

■ 41.8375, 33.0611,
29.3757

■ 41.8375, 33.0611,
29.3757

■ 37.8988, 27.2845,
21.5859

■ 46.6441, 40.1728,
38.6895

■ 34.7733, 22.7552,
15.2368

■ 52.3635, 48.6908,
49.6006

■ 32.4046, 19.3823,
10.2402

■ 59.0408, 58.6869,
62.1800

■ 30.7273, 17.0605,
6.4972

■ 66.7171, 70.2266,
76.4935

■ 29.6651, 15.6653,
3.8951

■ 75.4313, 83.3715,
92.6037

■ 29.0937, 14.9811,
2.2910

■ 82.7235, 93.6455,
108.3231

■ 29.0895, 14.9759,
2.2798

Harmonies

Analogous

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



41.8023, 33.0611, 43.9012



41.8375, 33.0611, 29.3757



38.8846, 33.0611, 19.7118

Triad

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



41.8375, 33.0611, 29.3757



25.0520, 33.0611, 19.5599



28.9143, 33.0611, 70.2253

Complementary

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



41.8375, 33.0611, 29.3757



45.8182, 59.5230, 68.7519

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.



24.9838, 33.0611, 59.4290



41.8375, 33.0611, 29.3757



22.9228, 33.0611, 29.1051

Square

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



41.8375, 33.0611, 29.3757



29.0171, 33.0611, 15.1697



22.8993, 33.0611, 43.5473



33.9595, 33.0611, 70.3554

Rectangle

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



41.8375, 33.0611, 29.3757



35.7848, 33.0611, 16.1896



22.8993, 33.0611, 43.5473



27.4319, 33.0611, 67.6166

Sweetspot

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



41.8384, 33.0627, 29.3763



81.9952, 80.3833, 84.5315



46.7425, 34.6844, 70.5610



17.2733, 16.7902, 17.5725



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.



41.8384, 33.0627, 29.3763



54.8129, 40.0218, 32.3014



46.3495, 43.2220, 27.3746



13.1166, 13.0757, 13.8751



17.4478, 8.9801, 1.4720



1.1511, 0.5901, 0.2047

Inverse Universe

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



41.8384, 33.0627, 29.3763



54.8129, 40.0218, 32.3014



39.2922, 44.4404, 72.8368



13.1166, 13.0757, 13.8751



17.4478, 8.9801, 1.4720



1.1511, 0.5901, 0.2047

Previews

White Background



This preview shows how the XYZ color 41.8375, 33.0611, 29.3757 looks on a white background.

Color Contrast Check

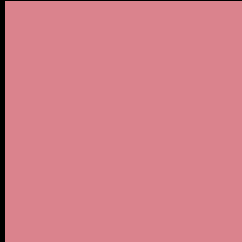
Large Text (above 18pt) WCAG AA × Fail

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 41.8375, 33.0611, 29.3757 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 41.8375, 33.0611, 29.3757

Background



This preview shows how black text looks on a background with the XYZ color 41.8375, 33.0611, 29.3757.



This preview shows how white text looks on a background with the XYZ color 41.8375, 33.0611,

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

41.8375, 33.0611, 29.3757

Protanopia

31.8522, 33.1467, 35.2910

Deuteranopia

33.8539, 33.1126, 28.6518



Tritanopia

41.8375, 33.0611, 29.3757

Trichromacy



Original Color

41.8375, 33.0611, 29.3757

Protanomaly

34.5261, 32.4310, 32.8739

Deuteranomaly

36.4750, 32.8465, 28.8437

Tritanomaly

41.8375, 33.0611, 29.3757

Monochromacy



Original Color

41.8375, 33.0611, 29.3757

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.0798, 33.1501, 34.2555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8375, 33.0611, 29.3757 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(218, 131, 141)` looks like.

```
.text, #text, p{  
    color:rgb(218, 131, 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(218, 131, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 131, 141) }
```

Border

The CSS property to change the border of an element to XYZ 41.8375, 33.0611, 29.3757 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(218, 131, 141) }
```


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

```
.border{ border-color:rgb(218, 131, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 131, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 131, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 131, 141);  
box-shadow:4px 4px 4px 4px rgb(218, 131,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8375, 33.0611, 29.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 131, 141) }
```

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

```
.background{ background-color: rgb(218,  
131, 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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