

Converting Colors

XYZ(43.1858, 33.3830, 33.3071)

Have a look what the booklet for
XYZ(43.1858, 33.3830, 33.3071)
contains.

XYZ(43.3873, 33.5718, 33.4714)	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(43.3873, 33.5718,
33.4714)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8297
RGB	221, 130, 151
RGB Percent	87%, 51%, 59%
CMY	0.1333, 0.4902, 0.4078
CMYK	0.00, 0.41, 0.32, 0.13
HSL	346°, 57%, 69%
HSV	346°, 41%, 87%
XYZ	43.3873, 33.5718, 33.4714
YIQ	159.6030, 47.4950, 25.8230

Conversions

Conversions Part 2

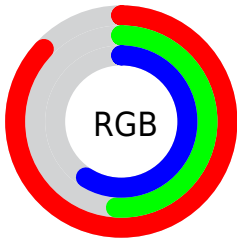
Format	Color
R _Y B	221, 130, 151
Decimal	14516887
CIE Lab	64.62, 37.48, 4.02
CIE LCh	65, 37.696, 6.126
Yxy	33.5718, 0.3929, 0.3040
Android (android.graphics.Color)	4292706967 (0xFFDD8297)
YUV	159.6030, -4.2413, 53.8452
Hunter-Lab	57.9412, 32.2667, 6.3082

Details

The XYZ color **43.3873, 33.5718, 33.4714** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.4892, 60.6296, 63.9519**, and the grayscale version is **33.2355, 34.9663, 38.0783**.

A 20% lighter version of the original color is **69.3999, 59.9488, 65.6711**, and **20.3345, 14.2614, 13.7376** is the 20% darker color. If you saturate the color by 10%, you get **39.4745, 27.7987, 25.8394**, and if you desaturate by 10%, it is **48.1323, 40.6903, 42.3638**.

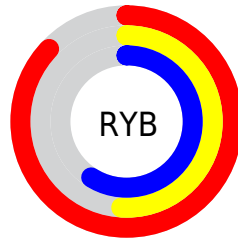
Distribution



Red (87%)

Green (51%)

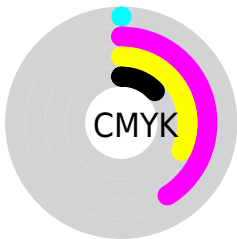
Blue (59%)



Red (87%)

Yellow (51%)

Blue (59%)

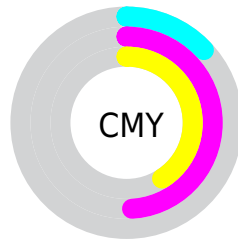


Cyan (0%)

Magenta (41%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3873, 33.5718, 33.4714 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 43.3873, 33.5718, 33.4714 by changing the saturation by 10% instead.


 43.3873, 33.5718,
33.4714


 43.3873, 33.5718,
33.4714


351.0967,
318.2185, 332.4655


 30.3850, 22.5648,
22.2137


 79.5471, 65.2672,
66.2353

 20.2805, 14.2725,
13.8142


 103.4352, 86.7245,
88.5786

 12.7085, 8.3105,
7.8543


 131.6826,
112.4340, 115.4542

 7.3038, 4.2942,
3.9154

164.6547,
142.7801, 147.2806

 3.7008, 1.8395,
1.5791

202.7168,
178.1472, 184.4764

 1.5343, 0.5116,
0.2758

246.2342,

 0.3490, 0.0000,

218.9197, 227.4601

0.0000

295.5724,
265.4820, 276.6503

0.0000, 0.0000,
0.0000

43.3873, 33.5718,
33.4714

43.3873, 33.5718,
33.4714

39.4745, 27.7987,
25.8394

48.1323, 40.6903,
42.3638

36.3419, 23.2811,
19.4076

53.7519, 49.2269,
52.5692

33.9358, 19.9259,
14.1136


60.2889, 59.2547,
64.1391


32.1941, 17.6248,
9.8881


67.7824, 70.8406,
77.1221

31.0436, 16.2485,
6.6538

76.2692, 84.0472,
91.5640

 30.4161, 15.6111,
4.5410

 83.3094, 93.9844,
106.6838

 83.6288, 94.1121,
108.3655

Harmonies

Analogous

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



42.3775, 33.5718, 49.9596



43.3873, 33.5718, 33.4714



41.0527, 33.5718, 21.6748

Triad

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



43.3873, 33.5718, 33.4714



26.1702, 33.5718, 17.4106



27.8881, 33.5718, 71.0496

Complementary

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



43.3873, 33.5718, 33.4714



45.4892, 60.6296, 63.9519

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.



24.2350, 33.5718, 57.0395



43.3873, 33.5718, 33.4714



23.3242, 33.5718, 25.7905

Square

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



43.3873, 33.5718, 33.4714



30.8137, 33.5718, 14.2412



22.6578, 33.5718, 39.8202



33.0300, 33.5718, 74.8128

Rectangle

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



43.3873, 33.5718, 33.4714



38.0537, 33.5718, 17.0049



22.6578, 33.5718, 39.8202



26.4641, 33.5718, 67.2218

Sweetspot

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



43.3882, 33.5734, 33.4721



82.4922, 80.5821, 87.1487



44.7921, 33.4348, 72.4993



17.3894, 16.8366, 18.1839



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.



43.3882, 33.5734, 33.4721



55.4768, 39.7376, 37.4922



45.4489, 40.1848, 26.4823



13.1785, 13.1005, 14.2013



17.7053, 9.0832, 2.8283



1.1803, 0.6017, 0.3583

Inverse Universe

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



43.3882, 33.5734, 33.4721



55.4768, 39.7376, 37.4922



42.1641, 49.7790, 75.7926



13.1785, 13.1005, 14.2013



17.7053, 9.0832, 2.8283



1.1803, 0.6017, 0.3583

Previews

White Background



This preview shows how the XYZ color 43.3873, 33.5718, 33.4714 looks on a white background.

Color Contrast Check

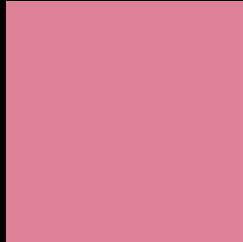
Large Text (above 18pt) WCAG AA × Fail

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 43.3873, 33.5718, 33.4714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

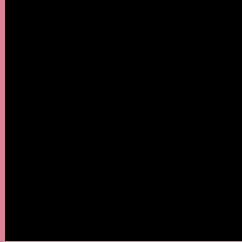
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3873, 33.5718, 33.4714

Background



This preview shows how black text looks on a background with the XYZ color 43.3873, 33.5718, 33.4714.



This preview shows how white text looks on a background with the XYZ color 43.3873, 33.5718,

33.4714.

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

43.3873, 33.5718, 33.4714

Protanopia

32.6760, 33.6982, 40.8586

Deuteranopia

34.3992, 33.7932, 32.3135



Tritanopia

42.5742, 33.6413, 29.4488

Trichromacy



Original Color

43.3873, 33.5718, 33.4714

Protanomaly

35.6891, 33.1439, 38.2346

Deuteranomaly

37.0568, 33.2911, 32.4897

Tritanomaly

42.7423, 33.4926, 31.0000

Monochromacy



Original Color

43.3873, 33.5718, 33.4714

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.1247, 33.8743, 36.5327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3873, 33.5718, 33.4714 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(221, 130, 151)` looks like.

```
.text, #text, p{  
    color:rgb(221, 130, 151)  
}
```

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(221, 130, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 130, 151) }
```

Border

The CSS property to change the border of an element to XYZ 43.3873, 33.5718, 33.4714 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(221, 130, 151) }
```


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

```
.border{ border-color:rgb(221, 130, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 130, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 130, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 130, 151);  
box-shadow:4px 4px 4px 4px rgb(221, 130,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3873, 33.5718, 33.4714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 130, 151) }
```

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

```
.background{ background-color: rgb(221,  
130, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor