

Converting Colors

$Yxy(33.1418, 0.4286, 0.3550)$

Have a look what the booklet for
Yxy(33.1418, 0.4286, 0.3550)
contains.

Yxy(33.1418, 0.4286, 0.3550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.1418, 0.4286, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	D88772
RGB	216, 135, 114
RGB Percent	85%, 53%, 45%
CMY	0.1531, 0.4705, 0.5530
CMYK	0.00, 0.37, 0.47, 0.15
HSL	12°, 57%, 65%
HSV	12°, 47%, 85%
XYZ	40.0129, 33.1418, 20.2025
YIQ	156.8250, 55.0170, 10.6410

Conversions

Conversions Part 2

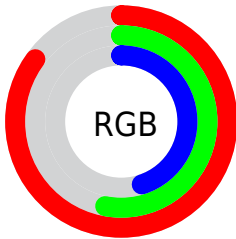
Format	Color
R _Y B	216, 140, 114
Decimal	14190450
CIE Lab	64.28, 28.72, 24.33
CIE LCh	64, 37.642, 40.275
Yxy	33.1418, 0.4286, 0.3550
Android (android.graphics.Color)	4292380530 (0xFFD88772)
YUV	156.8250, -21.1127, 51.8965
Hunter-Lab	57.5689, 23.3196, 19.4918

Details

The Yxy color **33.1418, 0.4286, 0.3550** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.5317, 0.2451, 0.3000**, and the grayscale version is **33.7131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4084, 0.3879, 0.3533**, and **14.0031, 0.4662, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **28.3030, 0.4662, 0.3593**, and if you desaturate by 10%, it is **38.8702, 0.3956, 0.3496**.

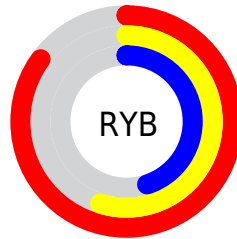
Distribution



Red (85%)

Green (53%)

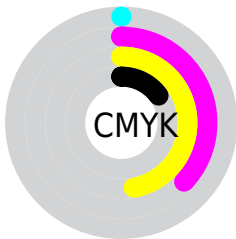
Blue (45%)



Red (85%)

Yellow (55%)

Blue (45%)

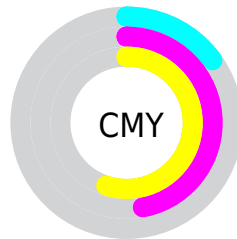


Cyan (0%)

Magenta (37%)

Yellow (47%)

Black (15%)



Cyan (15%)


Magenta (47%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1418, 0.4286, 0.3550 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 Yxy color 33.1418, 0.4286, 0.3550 by changing the saturation by 10% instead.


 33.1418, 0.4286,
0.3550


 33.1418, 0.4286,
0.3550


316.2882, 0.3669,
0.3441


 22.2351, 0.4450,
0.3568


 64.5969, 0.4054,
0.3517


 14.0297, 0.4664,
0.3583


 85.9140, 0.3969,
0.3502

 8.1414, 0.4956,
0.3590


 111.4701, 0.3898,
0.3489

 4.1855, 0.5368,
0.3568

 141.6495, 0.3839,
0.3477

 1.7779, 0.6307,
0.3653

176.8366, 0.3787,
0.3467

 0.4733, 0.7155,
0.2845

217.4158, 0.3743,

 0.0000, 1.0000,

0.3457

0.0000

263.7716, 0.3704,
0.3449

0.0000, 0.0000,
0.0000

33.1418, 0.4286,
0.3550

33.1418, 0.4286,
0.3550

28.3030, 0.4662,
0.3593

38.8702, 0.3956,
0.3496

24.3037, 0.5070,
0.3617

45.5250, 0.3675,
0.3439

21.0963, 0.5479,
0.3611

53.1470, 0.3441,
0.3382

18.6264, 0.5843,
0.3570

61.7729, 0.3246,
0.3327

16.8307, 0.6117,
0.3495

71.4378, 0.3085,
0.3276

 16.4374, 0.6180,
0.3475

 82.1748, 0.2952,
0.3230

 93.3344, 0.2894,
0.3289

Harmonies

Analogous

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



33.1418, 0.3996, 0.3098



33.1418, 0.4286, 0.3550



33.1418, 0.4224, 0.3988

Triad

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



33.1418, 0.4286, 0.3550



33.1418, 0.2746, 0.3995



33.1418, 0.2383, 0.2367

Complementary

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



33.1418, 0.4286, 0.3550



47.5317, 0.2451, 0.3000

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.



33.1418, 0.2120, 0.2496



33.1418, 0.4286, 0.3550



33.1418, 0.2308, 0.3411

Square

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



33.1418, 0.4286, 0.3550



33.1418, 0.3312, 0.4337



33.1418, 0.2092, 0.2855



33.1418, 0.2855, 0.2450

Rectangle

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



33.1418, 0.4286, 0.3550



33.1418, 0.4006, 0.4221



33.1418, 0.2092, 0.2855



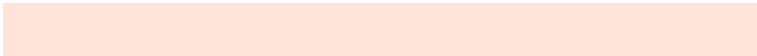
33.1418, 0.2271, 0.2385

Sweetspot

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



33.1435, 0.4286, 0.3550



81.1453, 0.3377, 0.3364



30.5915, 0.3393, 0.2346



16.8034, 0.3422, 0.3377



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



33.1435, 0.4286, 0.3550



41.0280, 0.4675, 0.3594



50.6637, 0.3980, 0.4134



12.8317, 0.3286, 0.3339



9.8577, 0.6156, 0.3494



0.7153, 0.5823, 0.3759

Inverse Universe

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



47.5317, 0.2451, 0.3000



64.3708, 0.2334, 0.2925



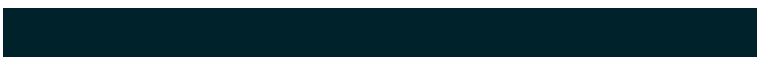
28.6552, 0.2315, 0.2257



13.6525, 0.2983, 0.3241



20.4315, 0.2060, 0.2617



1.3445, 0.2096, 0.2746

Previews

White Background



This preview shows how the Yxy color 33.1418, 0.4286, 0.3550 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 Yxy color 33.1418, 0.4286, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

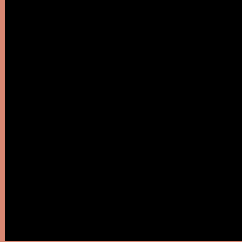
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1418, 0.4286, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 33.1418, 0.4286, 0.3550.



This preview shows how white text looks on a background with the Yxy color 33.1418, 0.4286, 0.3550.

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

33.1418, 0.4286, 0.3550

Protanopia

33.3140, 0.3543, 0.3784

Deuteranopia

33.3995, 0.3906, 0.3834



Tritanopia

33.0611, 0.4012, 0.3171

Trichromacy



Original Color

33.1418, 0.4286, 0.3550

Protanomaly

32.7262, 0.3801, 0.3686

Deuteranomaly

33.2910, 0.4043, 0.3731

Tritanomaly

32.8929, 0.4116, 0.3305

Monochromacy



Original Color

33.1418, 0.4286, 0.3550

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8830, 0.3512, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1418, 0.4286, 0.3550 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(216, 135, 114)` looks like.

```
.text, #text, p{  
    color:rgb(216, 135, 114)  
}
```

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(216, 135, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 135, 114) }
```

Border

The CSS property to change the border of an element to Yxy 33.1418, 0.4286, 0.3550 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(216, 135, 114) }
```

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

```
.border{ border-color:rgb(216, 135, 114) }
```

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

Here you see how a box with a 4 pixel rgb(216, 135, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 135, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 135, 114);  
box-shadow:4px 4px 4px 4px rgb(216, 135,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1418, 0.4286, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 135, 114) }
```

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

```
.background{ background-color: rgb(216,  
135, 114) }
```

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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