

Converting Colors

$Yxy(33.6515, 0.4328, 0.3455)$

Have a look what the booklet for
Yxy(33.6515, 0.4328, 0.3455)
contains.

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Color

Yxy(33.5224, 0.4320, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	DF8477
RGB	223, 132, 119
RGB Percent	87%, 52%, 47%
CMY	0.1255, 0.4823, 0.5332
CMYK	0.00, 0.41, 0.47, 0.13
HSL	7°, 62%, 67%
HSV	7°, 47%, 87%
XYZ	42.0124, 33.5224, 21.7161
YIQ	157.7270, 58.4090, 15.2490

Conversions

Conversions Part 2

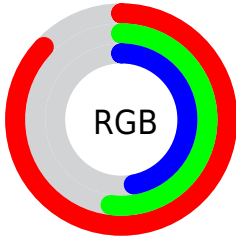
Format	Color
R _Y B	223, 134, 119
Decimal	14648439
CIE Lab	64.58, 33.54, 22.08
CIE LCh	65, 40.157, 33.359
Yxy	33.5224, 0.4320, 0.3447
Android (android.graphics.Color)	4292838519 (0xFFDF8477)
YUV	157.7270, -19.0924, 57.2444
Hunter-Lab	57.8985, 28.2010, 18.2909

Details

The Yxy color **33.5224, 0.4320, 0.3447** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.3500, 0.2478, 0.3118**, and the grayscale version is **34.1320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3181, 0.3847, 0.3450**, and **14.2323, 0.4694, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **28.2424, 0.4724, 0.3472**, and if you desaturate by 10%, it is **39.9215, 0.3970, 0.3414**.

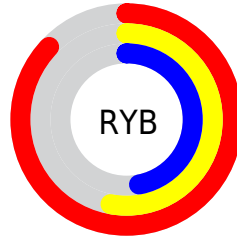
Distribution



Red (87%)

Green (52%)

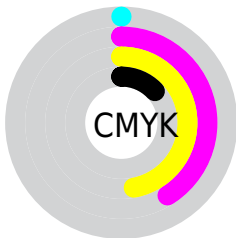
Blue (47%)



Red (87%)

Yellow (53%)

Blue (47%)

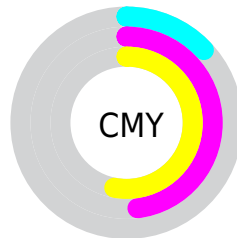


Cyan (0%)

Magenta (41%)

Yellow (47%)

Black (13%)



Cyan (13%)


Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5224, 0.4320, 0.3447 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 33.5224, 0.4320, 0.3447 by changing the saturation by 10% instead.


 33.5224, 0.4320,
0.3447


 33.5224, 0.4320,
0.3447


317.9972, 0.3686,
0.3392

 22.5269, 0.4489,
0.3451


 65.1903, 0.4081,
0.3434

 14.2446, 0.4710,
0.3449


 86.6315, 0.3994,
0.3427

 8.2910, 0.5011,
0.3432


 112.3234, 0.3921,
0.3420

 4.2817, 0.5439,
0.3381

142.6504, 0.3860,
0.3413

 1.8324, 0.6269,
0.3341

177.9968, 0.3807,
0.3407

 0.5072, 0.7326,
0.2674

218.7472, 0.3761,

 0.0000, 1.0000,


0.3402


0.0000


265.2858, 0.3721,
0.3397


 0.0000, 0.0000,
0.0000


 33.5224, 0.4320,
0.3447

 33.5224, 0.4320,
0.3447


 28.2424, 0.4724,
0.3472


 39.9215, 0.3970,
0.3414


 24.0120, 0.5165,
0.3484


 47.4936, 0.3676,
0.3379


 20.7623, 0.5602,
0.3476


 56.2954, 0.3435,
0.3344

 18.4135, 0.5980,
0.3443


 66.3782, 0.3237,
0.3311

 16.8726, 0.6241,
0.3391

 77.7906, 0.3077,
0.3280

 16.5104, 0.6305,
0.3375

 90.5785, 0.2945,
0.3252

 94.4271, 0.2935,
0.3289

Harmonies

Analogous

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



33.5224, 0.3933, 0.2982



33.5224, 0.4320, 0.3447



33.5224, 0.4337, 0.3921

Triad

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



33.5224, 0.4320, 0.3447



33.5224, 0.2851, 0.4161



33.5224, 0.2256, 0.2326

Complementary

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



33.5224, 0.4320, 0.3447



55.3500, 0.2478, 0.3118

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.



33.5224, 0.2036, 0.2513



33.5224, 0.4320, 0.3447



33.5224, 0.2347, 0.3568

Square

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



33.5224, 0.4320, 0.3447



33.5224, 0.3460, 0.4433



33.5224, 0.2064, 0.2945



33.5224, 0.2706, 0.2366

Rectangle

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



33.5224, 0.4320, 0.3447



33.5224, 0.4150, 0.4195



33.5224, 0.2064, 0.2945



33.5224, 0.2156, 0.2362

Sweetspot

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



33.5241, 0.4320, 0.3447



79.5716, 0.3381, 0.3335



33.5829, 0.3300, 0.2272



16.4251, 0.3427, 0.3343



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.



33.5241, 0.4320, 0.3447



38.4081, 0.4715, 0.3472



50.9441, 0.4016, 0.4034



13.9749, 0.3289, 0.3320



9.7970, 0.6288, 0.3389



0.7707, 0.6056, 0.3574

Inverse Universe

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



55.3500, 0.2478, 0.3118



71.3436, 0.2376, 0.3076



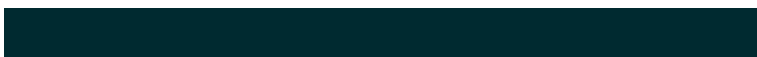
34.0059, 0.2347, 0.2396



15.2649, 0.2982, 0.3260



26.2367, 0.2137, 0.2892



1.9016, 0.2155, 0.2959

Previews

White Background



This preview shows how the Yxy color 33.5224, 0.4320, 0.3447 looks on a white background.

Color Contrast Check

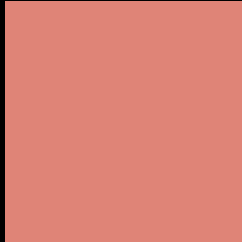
Large Text (above 18pt) WCAG AA × Fail

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 33.5224, 0.4320, 0.3447 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 33.5224, 0.4320, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 33.5224, 0.4320, 0.3447.



This preview shows how white text looks on a background with the Yxy color 33.5224, 0.4320, 0.3447.

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

33.5224, 0.4320, 0.3447

Protanopia

33.8596, 0.3463, 0.3678

Deuteranopia

33.8333, 0.3850, 0.3779



Tritanopia

33.5721, 0.4120, 0.3175

Trichromacy



Original Color

33.5224, 0.4320, 0.3447

Protanomaly

33.2769, 0.3760, 0.3584

Deuteranomaly

33.3730, 0.4017, 0.3650

Tritanomaly

33.4785, 0.4188, 0.3269

Monochromacy



Original Color

33.5224, 0.4320, 0.3447

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.4536, 0.3524, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5224, 0.4320, 0.3447 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(223, 132, 119)` looks like.

```
.text, #text, p{  
    color:rgb(223, 132, 119)  
}
```

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(223, 132, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 132, 119) }
```

Border

The CSS property to change the border of an element to Yxy 33.5224, 0.4320, 0.3447 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(223, 132, 119) }
```

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

```
.border{ border-color:rgb(223, 132, 119) }
```

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

Here you see how a box with a 4 pixel rgb(223, 132, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 132, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 132, 119);  
box-shadow:4px 4px 4px 4px rgb(223, 132,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5224, 0.4320, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 132, 119) }
```

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

```
.background{ background-color: rgb(223,  
132, 119) }
```

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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