

Converting Colors

$Yxy(32.8836, 0.4261, 0.3333)$

Have a look what the booklet for
Yxy(32.8836, 0.4261, 0.3333)
contains.

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Color

Yxy(32.8948, 0.4255, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	DF817E
RGB	223, 129, 126
RGB Percent	87%, 51%, 49%
CMY	0.1255, 0.4941, 0.5059
CMYK	0.00, 0.42, 0.43, 0.13
HSL	2°, 60%, 68%
HSV	2°, 43%, 87%
XYZ	42.0449, 32.8948, 23.8732
YIQ	156.7640, 56.9870, 18.9950

Conversions

Conversions Part 2

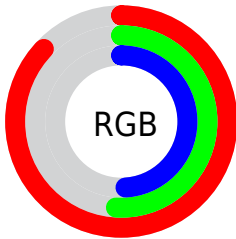
Format	Color
R _Y B	223, 129, 126
Decimal	14647678
CIE Lab	64.08, 35.82, 17.46
CIE LCh	64, 39.849, 25.988
Yxy	32.8948, 0.4255, 0.3329
Android (android.graphics.Color)	4292837758 (0xFFDF817E)
YUV	156.7640, -15.1667, 58.0890
Hunter-Lab	57.3540, 30.4847, 15.4688

Details

The Yxy color **32.8948, 0.4255, 0.3329** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **60.9381, 0.2534, 0.3250**, and the grayscale version is **33.6570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3816, 0.3787, 0.3334**, and **13.9839, 0.4634, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **27.2798, 0.4674, 0.3337**, and if you desaturate by 10%, it is **39.8449, 0.3900, 0.3320**.

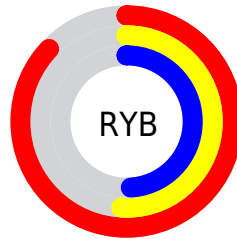
Distribution



Red (87%)

Green (51%)

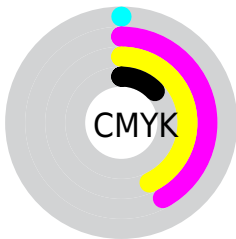
Blue (49%)



Red (87%)

Yellow (51%)

Blue (49%)

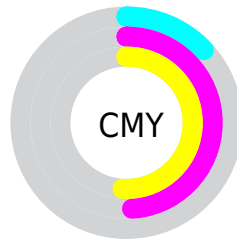


Cyan (0%)

Magenta (42%)

Yellow (43%)

Black (13%)



Cyan (13%)


Magenta (49%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8948, 0.4255, 0.3329 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 32.8948, 0.4255, 0.3329 by changing the saturation by 10% instead.

 32.8948, 0.4255,
0.3329


 32.8948, 0.4255,
0.3329


315.1754, 0.3653,
0.3331


 22.0459, 0.4417,
0.3320


 64.2113, 0.4027,
0.3336

 13.8906, 0.4630,
0.3303


 85.4476, 0.3945,
0.3336

 8.0446, 0.4924,
0.3269


 110.9151, 0.3876,
0.3336

 4.1235, 0.5349,
0.3198

140.9983, 0.3817,
0.3335

 1.7429, 0.6082,
0.3078

176.0816, 0.3767,
0.3334

 0.4512, 0.7553,
0.2447

216.5492, 0.3724,


 0.0000, 1.0000,


0.3333


0.0000


262.7857, 0.3686,
0.3332


 0.0000, 0.0000,
0.0000

 32.8948, 0.4255,
0.3329

 32.8948, 0.4255,
0.3329


 27.2798, 0.4674,
0.3337


 39.8449, 0.3900,
0.3320


 22.9098, 0.5139,
0.3341


 48.2027, 0.3608,
0.3311

 19.6914, 0.5607,
0.3339


 58.0416, 0.3373,
0.3301


 17.5161, 0.6012,
0.3332

 69.4283, 0.3184,
0.3293

 16.2546, 0.6284,
0.3318

 82.4257, 0.3032,
0.3285

 15.8361, 0.6383,
0.3314

 94.4260, 0.2935,
0.3289

Harmonies

Analogous

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



32.8948, 0.3794, 0.2878



32.8948, 0.4255, 0.3329



32.8948, 0.4367, 0.3808

Triad

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



32.8948, 0.4255, 0.3329



32.8948, 0.2997, 0.4265



32.8948, 0.2181, 0.2351

Complementary

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



32.8948, 0.4255, 0.3329



60.9381, 0.2534, 0.3250

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.



32.8948, 0.2021, 0.2597



32.8948, 0.4255, 0.3329



32.8948, 0.2454, 0.3728

Square

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



32.8948, 0.4255, 0.3329



32.8948, 0.3606, 0.4433



32.8948, 0.2111, 0.3086



32.8948, 0.2577, 0.2338

Rectangle

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



32.8948, 0.4255, 0.3329



32.8948, 0.4233, 0.4100



32.8948, 0.2111, 0.3086



32.8948, 0.2100, 0.2406

Sweetspot

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



32.8965, 0.4255, 0.3329



79.2363, 0.3364, 0.3301



35.8491, 0.3192, 0.2244



16.2830, 0.3412, 0.3303



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.



32.8965, 0.4255, 0.3329



37.7285, 0.4625, 0.3336



48.2872, 0.3996, 0.3880



13.7683, 0.3291, 0.3298



9.3428, 0.6377, 0.3319



0.6720, 0.6308, 0.3373

Inverse Universe

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



60.9381, 0.2534, 0.3250



80.3102, 0.2445, 0.3241



39.6040, 0.2425, 0.2606



15.4955, 0.2982, 0.3282



32.0666, 0.2220, 0.3193



2.2459, 0.2225, 0.3209

Previews

White Background



This preview shows how the Yxy color 32.8948, 0.4255, 0.3329 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 32.8948, 0.4255, 0.3329 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 32.8948, 0.4255, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 32.8948, 0.4255, 0.3329.



This preview shows how white text looks on a background with the Yxy color 32.8948, 0.4255, 0.3329.

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

32.8948, 0.4255, 0.3329

Protanopia

32.9882, 0.3349, 0.3531

Deuteranopia

32.8451, 0.3754, 0.3675



Tritanopia

32.8322, 0.4143, 0.3175

Trichromacy



Original Color

32.8948, 0.4255, 0.3329

Protanomaly

32.4693, 0.3661, 0.3460

Deuteranomaly

32.6464, 0.3941, 0.3547

Tritanomaly

32.9791, 0.4187, 0.3234

Monochromacy



Original Color

32.8948, 0.4255, 0.3329

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.7665, 0.3498, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8948, 0.4255, 0.3329 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, 129, 126)` looks like.

```
.text, #text, p{  
    color:rgb(223, 129, 126)  
}
```

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, 129, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 129, 126) }
```

Border

The CSS property to change the border of an element to Yxy 32.8948, 0.4255, 0.3329 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, 129, 126) }
```

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

```
.border{ border-color:rgb(223, 129, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 129, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 129, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 129, 126); box-shadow:4px 4px 4px 4px rgb(223, 129, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8948, 0.4255, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 129, 126) }
```

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

```
.background{ background-color: rgb(223,  
129, 126) }
```

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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