

Converting Colors

$Y_{xy}(32.2767, 0.4191, 0.3180)$

Have a look what the booklet for
Yxy(32.2767, 0.4191, 0.3180)
contains.

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Color

Yxy(32.3960, 0.4200, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	E17D86
RGB	225, 125, 134
RGB Percent	88%, 49%, 53%
CMY	0.1176, 0.5098, 0.4745
CMYK	0.00, 0.44, 0.40, 0.12
HSL	355°, 63%, 69%
HSV	355°, 44%, 88%
XYZ	42.6932, 32.3960, 26.5613
YIQ	155.9260, 56.7110, 23.9990

Conversions

Conversions Part 2

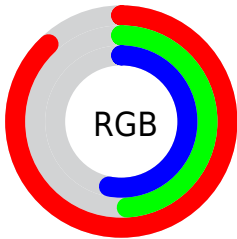
Format	Color
R _Y B	225, 125, 134
Decimal	14777734
CIE Lab	63.67, 39.52, 12.39
CIE LCh	64, 41.419, 17.411
Yxy	32.3960, 0.4200, 0.3187
Android (android.graphics.Color)	4292967814 (0xFFE17D86)
YUV	155.9260, -10.8095, 60.5779
Hunter-Lab	56.9175, 34.2853, 12.1738

Details

The Yxy color **32.3960, 0.4200, 0.3187** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.1783, 0.2574, 0.3404**, and the grayscale version is **33.2418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0881, 0.3727, 0.3208**, and **13.6365, 0.4560, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **26.8146, 0.4595, 0.3170**, and if you desaturate by 10%, it is **39.3816, 0.3866, 0.3209**.

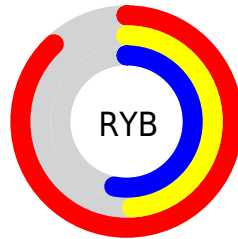
Distribution



Red (88%)

Green (49%)

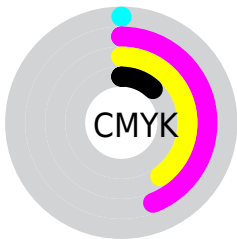
Blue (53%)



Red (88%)

Yellow (49%)

Blue (53%)

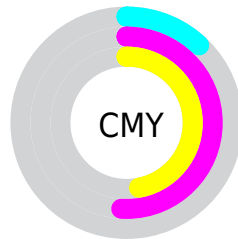


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (12%)



Cyan (12%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3960, 0.4200, 0.3187 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 32.3960, 0.4200, 0.3187 by changing the saturation by 10% instead.


 32.3960, 0.4200,
0.3187


 32.3960, 0.4200,
0.3187

312.9192, 0.3626,
0.3258


 21.6641, 0.4355,
0.3162


 63.4314, 0.3983,
0.3218

 13.6103, 0.4560,
0.3125


 84.5037, 0.3904,
0.3228

 7.8501, 0.4845,
0.3066


 109.7916, 0.3838,
0.3236

 3.9992, 0.5261,
0.2966

139.6796, 0.3783,
0.3242

 1.6731, 0.5924,
0.2779

174.5519, 0.3735,
0.3247

 0.4062, 0.7824,
0.2176

214.7930, 0.3694,

 0.0000, 1.0000,

0.3252

0.0000

260.7873, 0.3658,
0.3255

0.0000, 0.0000,
0.0000

32.3960, 0.4200,
0.3187

32.3960, 0.4200,
0.3187

26.8146, 0.4595,
0.3170

39.3816, 0.3866,
0.3209

22.5379, 0.5038,
0.3162

47.8523, 0.3593,
0.3234

19.4610, 0.5494,
0.3169

57.8889, 0.3372,
0.3258

17.4609, 0.5904,
0.3194

69.5647, 0.3194,
0.3280

16.3879, 0.6205,
0.3233

82.9485, 0.3052,
0.3302

 16.0622, 0.6315,
0.3253

 94.7507, 0.2946,
0.3289

Harmonies

Analogous

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



32.3960, 0.3641, 0.2743



32.3960, 0.4200, 0.3187



32.3960, 0.4429, 0.3683

Triad

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



32.3960, 0.4200, 0.3187



32.3960, 0.3170, 0.4409



32.3960, 0.2070, 0.2359

Complementary

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



32.3960, 0.4200, 0.3187



63.1783, 0.2574, 0.3404

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.



32.3960, 0.1977, 0.2686



32.3960, 0.4200, 0.3187



32.3960, 0.2569, 0.3936

Square

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



32.3960, 0.4200, 0.3187



32.3960, 0.3792, 0.4455



32.3960, 0.2146, 0.3258



32.3960, 0.2412, 0.2282

Rectangle

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



32.3960, 0.4200, 0.3187



32.3960, 0.4359, 0.4003



32.3960, 0.2146, 0.3258



32.3960, 0.2011, 0.2439

Sweetspot

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



32.3976, 0.4200, 0.3187



78.8504, 0.3345, 0.3261



34.5523, 0.3082, 0.2175



16.1896, 0.3389, 0.3256



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.



32.3976, 0.4200, 0.3187



36.3238, 0.4549, 0.3171



44.4027, 0.4084, 0.3761



13.7205, 0.3278, 0.3269



9.2613, 0.6295, 0.3241



0.6489, 0.6028, 0.3094

Inverse Universe

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



32.3976, 0.4200, 0.3187



36.3238, 0.4549, 0.3171



44.4983, 0.2437, 0.2753



13.7205, 0.3278, 0.3269



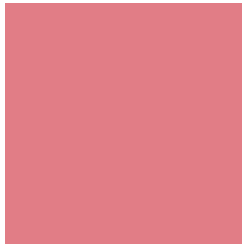
9.2613, 0.6295, 0.3241



0.6489, 0.6028, 0.3094

Previews

White Background



This preview shows how the Yxy color 32.3960, 0.4200, 0.3187 looks on a white background.

Color Contrast Check

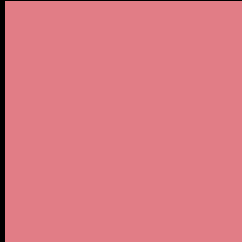
Large Text (above 18pt) WCAG AA × Fail

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 32.3960, 0.4200, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

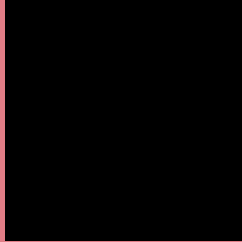
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3960, 0.4200, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 32.3960, 0.4200, 0.3187.



This preview shows how white text looks on a background with the Yxy color 32.3960, 0.4200, 0.3187.

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

32.3960, 0.4200, 0.3187

Protanopia

32.6521, 0.3224, 0.3366

Deuteranopia

32.5716, 0.3627, 0.3565



Tritanopia

32.3960, 0.4200, 0.3187

Trichromacy



Original Color

32.3960, 0.4200, 0.3187

Protanomaly

31.7258, 0.3552, 0.3277

Deuteranomaly

31.9970, 0.3839, 0.3414

Tritanomaly

32.3960, 0.4200, 0.3187

Monochromacy



Original Color

32.3960, 0.4200, 0.3187

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2127, 0.3482, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3960, 0.4200, 0.3187 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(225, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(225, 125, 134)  
}
```

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(225, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 125, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.3960, 0.4200, 0.3187 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(225, 125, 134) }
```

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

```
.border{ border-color:rgb(225, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(225, 125,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3960, 0.4200, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 125, 134) }
```

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

```
.background{ background-color: rgb(225,  
125, 134) }
```

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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