

Converting Colors

$Y_{xy}(32.8302, 0.4448, 0.3133)$

Have a look what the booklet for
Yxy(32.8302, 0.4448, 0.3133)
contains.

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Color

Yxy(32.8302, 0.4448, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	F17483
RGB	241, 116, 131
RGB Percent	95%, 45%, 51%
CMY	0.0550, 0.5450, 0.4863
CMYK	0.00, 0.52, 0.46, 0.06
HSL	353°, 82%, 70%
HSV	353°, 52%, 94%
XYZ	46.6099, 32.8302, 25.3483
YIQ	155.0850, 69.6850, 31.1650

Conversions

Conversions Part 2

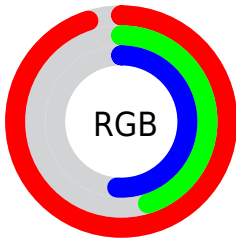
Format	Color
R _Y B	241, 116, 131
Decimal	15824003
CIE Lab	64.02, 49.36, 14.94
CIE LCh	64, 51.573, 16.835
Yxy	32.8302, 0.4448, 0.3133
Android (android.graphics.Color)	4294014083 (0xFFFF17483)
YUV	155.0850, -11.8739, 75.3475
Hunter-Lab	57.2976, 44.9334, 13.8786

Details

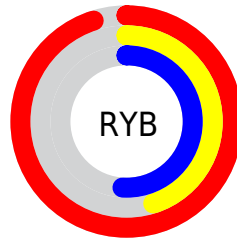
The Yxy color **32.8302, 0.4448, 0.3133** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72.1006, 0.2523, 0.3473**, and the grayscale version is **32.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8465, 0.3777, 0.3155**, and **13.8782, 0.4884, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **27.4594, 0.4870, 0.3118**, and if you desaturate by 10%, it is **39.7628, 0.4079, 0.3159**.

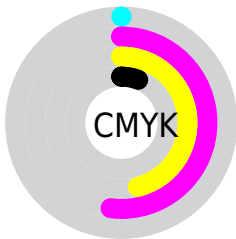
Distribution



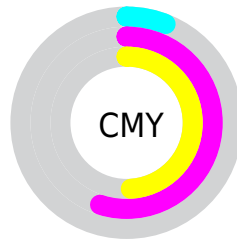
- Red (95%)
- Green (45%)
- Blue (51%)



- Red (95%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (46%)
- Black (6%)



- Cyan (6%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8302, 0.4448, 0.3133 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 32.8302, 0.4448, 0.3133 by changing the saturation by 10% instead.


 32.8302, 0.4448,
0.3133


 32.8302, 0.4448,
0.3133


314.8839, 0.3745,
0.3240


 21.9964, 0.4636,
0.3096


 64.1103, 0.4183,
0.3179

 13.8543, 0.4883,
0.3042


 85.3255, 0.4086,
0.3194

 8.0194, 0.5220,
0.2959

 110.7698, 0.4006,
0.3206

 4.1073, 0.5703,
0.2820

140.8278, 0.3937,
0.3216

 1.7338, 0.6461,
0.2578

175.8838, 0.3879,
0.3223

 0.4454, 0.8100,
0.1900

216.3222, 0.3828,

 0.0000, 1.0000,


0.3230


0.0000

262.5275, 0.3784,
0.3235


 0.0000, 0.0000,
0.0000

 32.8302, 0.4448,
0.3133


 32.8302, 0.4448,
0.3133


 27.4594, 0.4870,
0.3118


 39.7628, 0.4079,
0.3159


 23.5242, 0.5318,
0.3119

 48.3603, 0.3771,
0.3190


 20.8872, 0.5746,
0.3143

 58.7231, 0.3519,
0.3223

 19.3819, 0.6089,
0.3189

 70.9420, 0.3316,
0.3255

 18.7837, 0.6277,
0.3232

 85.1017, 0.3154,
0.3285

 97.4358, 0.3041,
0.3290

Harmonies

Analogous

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



32.8302, 0.3741, 0.2618



32.8302, 0.4448, 0.3133



32.8302, 0.4729, 0.3715

Triad

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



32.8302, 0.4448, 0.3133



32.8302, 0.3169, 0.4715



32.8302, 0.1854, 0.2165

Complementary

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



32.8302, 0.4448, 0.3133



72.1006, 0.2523, 0.3473

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.



32.8302, 0.1749, 0.2543



32.8302, 0.4448, 0.3133



32.8302, 0.2443, 0.4121

Square

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



32.8302, 0.4448, 0.3133



32.8302, 0.3925, 0.4715



32.8302, 0.1942, 0.3247



32.8302, 0.2246, 0.2081

Rectangle

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



32.8302, 0.4448, 0.3133



32.8302, 0.4631, 0.4105



32.8302, 0.1942, 0.3247



32.8302, 0.1787, 0.2255

Sweetspot

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



32.8319, 0.4448, 0.3133



74.5734, 0.3396, 0.3241



34.7443, 0.3029, 0.1987



15.3501, 0.3438, 0.3235



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.



32.8319, 0.4448, 0.3133



31.0478, 0.4885, 0.3117



45.7425, 0.4336, 0.3791



15.7896, 0.3274, 0.3262



10.1989, 0.6252, 0.3218



0.8584, 0.5972, 0.3063

Inverse Universe

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



32.8319, 0.4448, 0.3133



31.0478, 0.4885, 0.3117



49.1661, 0.2339, 0.2698



15.7896, 0.3274, 0.3262



10.1989, 0.6252, 0.3218



0.8584, 0.5972, 0.3063

Previews

White Background



This preview shows how the Yxy color 32.8302, 0.4448, 0.3133 looks on a white background.

Color Contrast Check

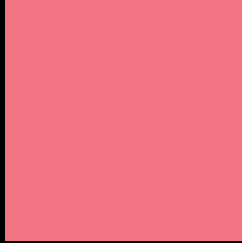
Large Text (above 18pt) WCAG AA × Fail

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 32.8302, 0.4448, 0.3133 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 32.8302, 0.4448, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 32.8302, 0.4448, 0.3133.



This preview shows how white text looks on a background with the Yxy color 32.8302, 0.4448, 0.3133.

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

32.8302, 0.4448, 0.3133

Protanopia

33.0480, 0.3204, 0.3350

Deuteranopia

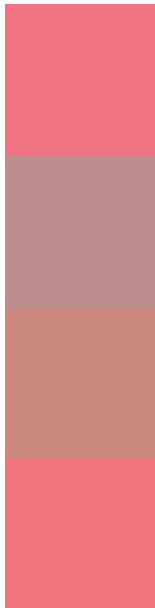
32.7993, 0.3712, 0.3633



Tritanopia

32.9040, 0.4518, 0.3208

Trichromacy



Original Color

32.8302, 0.4448, 0.3133

Protanomaly

31.8822, 0.3624, 0.3250

Deuteranomaly

32.1201, 0.3986, 0.3423

Tritanomaly

32.9557, 0.4493, 0.3187

Monochromacy



Original Color

32.8302, 0.4448, 0.3133

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.5642, 0.3569, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8302, 0.4448, 0.3133 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(241, 116, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 131)  
}
```

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(241, 116, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 131) }
```

Border

The CSS property to change the border of an element to Yxy 32.8302, 0.4448, 0.3133 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(241, 116, 131) }
```

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

```
.border{ border-color:rgb(241, 116, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 116, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8302, 0.4448, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 131) }
```

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

```
.background{ background-color: rgb(241,  
116, 131) }
```

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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