

Converting Colors

$Y_{xy}(33.0459, 0.4394, 0.3169)$

Have a look what the booklet for
Yxy(33.0459, 0.4394, 0.3169)
contains.

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Color

Yxy(33.0762, 0.4387, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	ED7883
RGB	237, 120, 131
RGB Percent	93%, 47%, 51%
CMY	0.0705, 0.5295, 0.4862
CMYK	0.00, 0.49, 0.45, 0.07
HSL	354°, 77%, 70%
HSV	354°, 49%, 93%
XYZ	45.7457, 33.0762, 25.4537
YIQ	156.2370, 66.2010, 28.2250

Conversions

Conversions Part 2

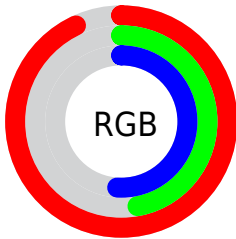
Format	Color
R_{YB}	237, 120, 131
Decimal	15562883
CIE _{Lab}	64.22, 46.05, 15.11
CIE _{LCh}	64, 48.467, 18.165
Yxy	33.0762, 0.4387, 0.3172
Android (android.graphics.Color)	4293752963 (0xFFED7883)
YUV	156.2370, -12.4418, 70.8292
Hunter-Lab	57.5119, 41.3352, 14.0177

Details

The Yxy color **33.0762, 0.4387, 0.3172** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **70.0654, 0.2530, 0.3425**, and the grayscale version is **33.3919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3806, 0.3766, 0.3197**, and **13.9706, 0.4796, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **27.5427, 0.4808, 0.3158**, and if you desaturate by 10%, it is **40.1445, 0.4022, 0.3193**.

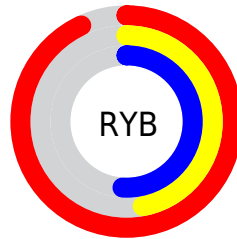
Distribution



Red (93%)

Green (47%)

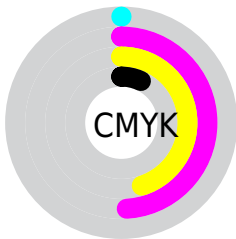
Blue (51%)



Red (93%)

Yellow (47%)

Blue (51%)

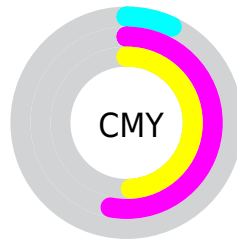


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (7%)



Cyan (7%)


Magenta (53%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0762, 0.4387, 0.3172 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 33.0762, 0.4387, 0.3172 by changing the saturation by 10% instead.


 33.0762, 0.4387,
0.3172


 33.0762, 0.4387,
0.3172


315.9930, 0.3716,
0.3257

 22.1848, 0.4566,
0.3141


 64.4945, 0.4134,
0.3210

 13.9928, 0.4802,
0.3095


 85.7902, 0.4042,
0.3222

 8.1156, 0.5125,
0.3023


 111.3228, 0.3965,
0.3231

 4.1690, 0.5589,
0.2900

141.4766, 0.3900,
0.3239

 1.7686, 0.6320,
0.2682

176.6362, 0.3844,
0.3245

 0.4675, 0.7936,
0.2064

217.1858, 0.3796,

 0.0000, 1.0000,

0.3250

0.0000

263.5100, 0.3753,
0.3254

■ 0.0000, 0.0000,
0.0000

■ 33.0762, 0.4387,
0.3172

■ 33.0762, 0.4387,
0.3172

■ 27.5427, 0.4808,
0.3158

■ 40.1445, 0.4022,
0.3193

■ 23.4252, 0.5264,
0.3157

■ 48.8444, 0.3720,
0.3218

■ 20.5961, 0.5706,
0.3174


■ 59.2710, 0.3474,
0.3244


■ 18.9023, 0.6069,
0.3208

■ 71.5105, 0.3277,
0.3268

■ 18.1055, 0.6303,
0.3250

■ 85.6433, 0.3118,
0.3291

 18.0681, 0.6314,
0.3252

 96.7488, 0.3017,
0.3290

Harmonies

Analogous

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



33.0762, 0.3739, 0.2675



33.0762, 0.4387, 0.3172



33.0762, 0.4634, 0.3729

Triad

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



33.0762, 0.4387, 0.3172



33.0762, 0.3142, 0.4603



33.0762, 0.1932, 0.2218

Complementary

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



33.0762, 0.4387, 0.3172



70.0654, 0.2530, 0.3425

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.



33.0762, 0.1819, 0.2570



33.0762, 0.4387, 0.3172



33.0762, 0.2461, 0.4031

Square

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



33.0762, 0.4387, 0.3172



33.0762, 0.3858, 0.4642



33.0762, 0.1994, 0.3220



33.0762, 0.2319, 0.2146

Rectangle

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



33.0762, 0.4387, 0.3172



33.0762, 0.4534, 0.4096



33.0762, 0.1994, 0.3220



33.0762, 0.1863, 0.2302

Sweetspot

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



33.0779, 0.4387, 0.3172



75.9431, 0.3383, 0.3254



35.6049, 0.3073, 0.2058



15.6178, 0.3427, 0.3249



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.



33.0779, 0.4387, 0.3172



32.5973, 0.4802, 0.3158



46.9295, 0.4232, 0.3812



15.0771, 0.3278, 0.3268



9.8705, 0.6292, 0.3240



0.7829, 0.6043, 0.3102

Inverse Universe

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



33.0779, 0.4387, 0.3172



32.5973, 0.4802, 0.3158



47.0258, 0.2364, 0.2679



15.0771, 0.3278, 0.3268



9.8705, 0.6292, 0.3240



0.7829, 0.6043, 0.3102

Previews

White Background



This preview shows how the Yxy color 33.0762, 0.4387, 0.3172 looks on a white background.

Color Contrast Check

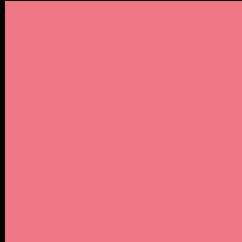
Large Text (above 18pt) WCAG AA × Fail

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 33.0762, 0.4387, 0.3172 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 33.0762, 0.4387, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 33.0762, 0.4387, 0.3172.



This preview shows how white text looks on a background with the Yxy color 33.0762, 0.4387, 0.3172.

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

33.0762, 0.4387, 0.3172

Protanopia

33.1897, 0.3243, 0.3380

Deuteranopia

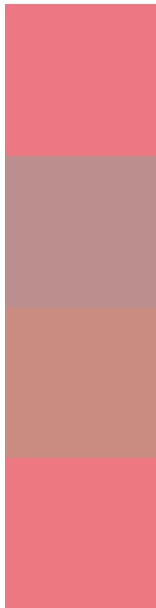
33.2641, 0.3708, 0.3632



Tritanopia

33.0224, 0.4412, 0.3195

Trichromacy



Original Color

33.0762, 0.4387, 0.3172

Protanomaly

32.1178, 0.3642, 0.3292

Deuteranomaly

32.5803, 0.3954, 0.3437

Tritanomaly

33.0492, 0.4399, 0.3184

Monochromacy



Original Color

33.0762, 0.4387, 0.3172

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0658, 0.3541, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0762, 0.4387, 0.3172 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(237, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(237, 120, 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(237, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 120, 131) }
```

Border

The CSS property to change the border of an element to Yxy 33.0762, 0.4387, 0.3172 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(237, 120, 131) }
```

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

```
.border{ border-color:rgb(237, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(237, 120,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0762, 0.4387, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 120, 131) }
```

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

```
.background{ background-color: rgb(237,  
120, 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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