

Converting Colors

$Y_{xy}(30.3734, 0.4710, 0.3331)$

Have a look what the booklet for
Yxy(30.3734, 0.4710, 0.3331)
contains.

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Color

Yxy(30.5039, 0.4715, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	EC706C
RGB	236, 112, 108
RGB Percent	93%, 44%, 42%
CMY	0.0744, 0.5608, 0.5764
CMYK	0.00, 0.53, 0.54, 0.07
HSL	2°, 77%, 67%
HSV	2°, 54%, 93%
XYZ	43.1004, 30.5039, 17.8069
YIQ	148.6200, 75.1880, 25.0440

Conversions

Conversions Part 2

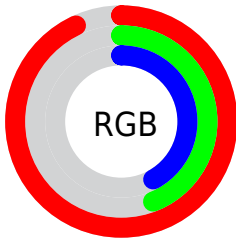
Format	Color
R _Y B	236, 112, 108
Decimal	15495276
CIE Lab	62.09, 47.56, 25.26
CIE LCh	62, 53.848, 27.976
Yxy	30.5039, 0.4715, 0.3337
Android (android.graphics.Color)	4293685356 (0xFFEC706C)
YUV	148.6200, -20.0257, 76.6323
Hunter-Lab	55.2303, 42.6438, 19.5455

Details

The Yxy color **30.5039, 0.4715, 0.3337** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **66.9911, 0.2427, 0.3239**, and the grayscale version is **29.9486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4006, 0.4028, 0.3377**, and **12.5788, 0.5224, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **25.6479, 0.5184, 0.3341**, and if you desaturate by 10%, it is **36.7806, 0.4290, 0.3330**.

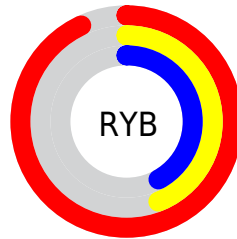
Distribution



Red (93%)

Green (44%)

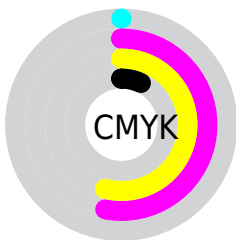
Blue (42%)



Red (93%)

Yellow (44%)

Blue (42%)

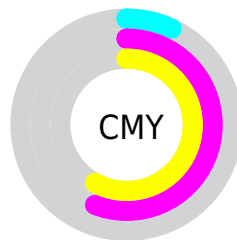


Cyan (0%)

Magenta (53%)

Yellow (54%)

Black (7%)



Cyan (7%)


Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5039, 0.4715, 0.3337 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 30.5039, 0.4715, 0.3337 by changing the saturation by 10% instead.


 30.5039, 0.4715,
0.3337

 30.5039, 0.4715,
0.3337


304.2462, 0.3862,
0.3358

 20.2214, 0.4942,
0.3314


 60.4582, 0.4393,
0.3357


 12.5561, 0.5239,
0.3271

 80.8987, 0.4276,
0.3361

 7.1236, 0.5639,
0.3193


 105.4940, 0.4178,
0.3362

 3.5395, 0.6193,
0.3038

 134.6285, 0.4095,
0.3362

 1.4195, 0.7197,
0.2803

168.6866, 0.4024,
0.3362

 0.2310, 0.8668,
0.1332

208.0526, 0.3963,

 0.0000, 1.0000,

0.3361

0.0000

253.1111, 0.3909,
0.3359

■ 0.0000, 0.0000,
0.0000

■ 30.5039, 0.4715,
0.3337

■ 30.5039, 0.4715,
0.3337

■ 25.6479, 0.5184,
0.3341

■ 36.7806, 0.4290,
0.3330

■ 22.0974, 0.5651,
0.3339

■ 44.5717, 0.3928,
0.3321

■ 19.7275, 0.6047,
0.3331

■ 53.9687, 0.3630,
0.3311

■ 18.3864, 0.6303,
0.3317

■ 65.0544, 0.3390,
0.3302

■ 17.9965, 0.6384,
0.3313

■ 77.9061, 0.3197,
0.3293

■ 92.5960, 0.3042,
0.3286

■ 96.5775, 0.3012,
0.3290

Harmonies

Analogous

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



30.5039, 0.4098, 0.2763



30.5039, 0.4715, 0.3337



30.5039, 0.4801, 0.3956

Triad

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



30.5039, 0.4715, 0.3337



30.5039, 0.2860, 0.4659



30.5039, 0.1899, 0.2032

Complementary

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



30.5039, 0.4715, 0.3337



66.9911, 0.2427, 0.3239

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.



30.5039, 0.1677, 0.2303



30.5039, 0.4715, 0.3337



30.5039, 0.2162, 0.3836

Square

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



30.5039, 0.4715, 0.3337



30.5039, 0.3675, 0.4886



30.5039, 0.1757, 0.2919



30.5039, 0.2420, 0.2050

Rectangle

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



30.5039, 0.4715, 0.3337



30.5039, 0.4571, 0.4358



30.5039, 0.1757, 0.2919



30.5039, 0.1792, 0.2088

Sweetspot

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



30.5055, 0.4715, 0.3337



74.9638, 0.3430, 0.3304



34.4998, 0.3208, 0.2019



15.4413, 0.3477, 0.3306



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.



30.5055, 0.4715, 0.3337



30.0609, 0.5234, 0.3341



49.2520, 0.4278, 0.4015



15.1289, 0.3292, 0.3298



9.9517, 0.6378, 0.3318



0.8079, 0.6316, 0.3367

Inverse Universe

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



66.9911, 0.2427, 0.3239



77.6387, 0.2341, 0.3227



37.9536, 0.2252, 0.2395



17.0370, 0.2981, 0.3282



34.1668, 0.2220, 0.3193



2.7082, 0.2224, 0.3207

Previews

White Background



This preview shows how the Yxy color 30.5039, 0.4715, 0.3337 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 30.5039, 0.4715, 0.3337 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 30.5039, 0.4715, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 30.5039, 0.4715, 0.3337.



This preview shows how white text looks on a background with the Yxy color 30.5039, 0.4715, 0.3337.

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

30.5039, 0.4715, 0.3337

Protanopia

30.6643, 0.3467, 0.3678

Deuteranopia

30.6091, 0.3967, 0.3892



Tritanopia

30.4644, 0.4610, 0.3209

Trichromacy



Original Color

30.5039, 0.4715, 0.3337

Protanomaly

29.5050, 0.3905, 0.3531

Deuteranomaly

29.7814, 0.4248, 0.3660

Tritanomaly

30.5883, 0.4655, 0.3262

Monochromacy



Original Color

30.5039, 0.4715, 0.3337

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1533, 0.3663, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5039, 0.4715, 0.3337 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(236, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(236, 112, 108)  
}
```

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(236, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 112, 108) }
```

Border

The CSS property to change the border of an element to Yxy 30.5039, 0.4715, 0.3337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

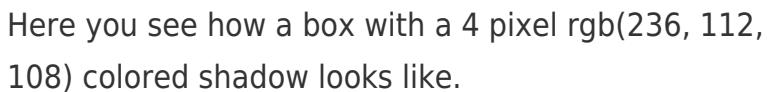
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 112, 108) }
```

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

```
.border{ border-color:rgb(236, 112, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(236, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 112, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 112, 108); box-shadow:4px 4px 4px 4px rgb(236, 112, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5039, 0.4715, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 112, 108) }
```

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

```
.background{ background-color: rgb(236,  
112, 108) }
```

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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