

Converting Colors

$Y_{xy}(30.9190, 0.4666, 0.3415)$

Have a look what the booklet for
Yxy(30.9190, 0.4666, 0.3415)
contains.

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Color

Yxy(30.9190, 0.4666, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	E8756A
RGB	232, 117, 106
RGB Percent	91%, 46%, 42%
CMY	0.0901, 0.5412, 0.5843
CMYK	0.00, 0.50, 0.54, 0.09
HSL	5°, 73%, 66%
HSV	5°, 54%, 91%
XYZ	42.2454, 30.9190, 17.3744
YIQ	150.1310, 72.0710, 20.9590

Conversions

Conversions Part 2

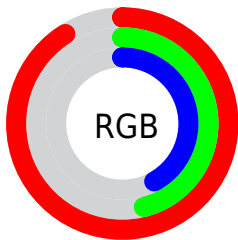
Format	Color
R _Y B	232, 118, 106
Decimal	15234410
CIE Lab	62.44, 43.48, 26.76
CIE LCh	62, 51.054, 31.612
Yxy	30.9190, 0.4666, 0.3415
Android (android.graphics.Color)	4293424490 (0xFFE8756A)
YUV	150.1310, -21.7566, 71.7991
Hunter-Lab	55.6049, 38.3056, 20.3975

Details

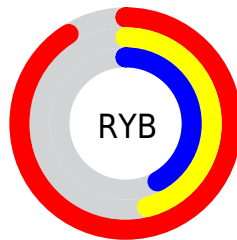
The Yxy color **30.9190, 0.4666, 0.3415** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **60.6107, 0.2408, 0.3147**, and the grayscale version is **30.6290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8201, 0.4031, 0.3440**, and **12.8670, 0.5163, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **26.1128, 0.5116, 0.3425**, and if you desaturate by 10%, it is **36.9750, 0.4259, 0.3396**.

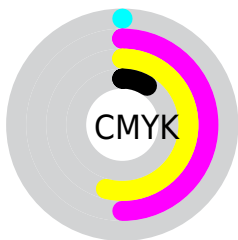
Distribution



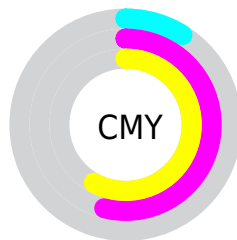
- Red (91%)
- Green (46%)
- Blue (42%)



- Red (91%)
- Yellow (46%)
- Blue (42%)



- Cyan (0%)
- Magenta (50%)
- Yellow (54%)
- Black (9%)





- Cyan (9%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9190, 0.4666, 0.3415 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 30.9190, 0.4666, 0.3415 by changing the saturation by 10% instead.


 30.9190, 0.4666,
0.3415


 30.9190, 0.4666,
0.3415


306.1650, 0.3841,
0.3394

 20.5372, 0.4885,
0.3402


 61.1125, 0.4355,
0.3420


 12.7861, 0.5171,
0.3374


 81.6930, 0.4242,
0.3417

 7.2814, 0.5555,
0.3313


 106.4418, 0.4147,
0.3414

 3.6387, 0.6087,
0.3183

 135.7434, 0.4067,
0.3410

 1.4736, 0.7026,
0.2974

169.9821, 0.3998,
0.3406

 0.2700, 0.8396,
0.1604

209.5424, 0.3938,


 0.0000, 1.0000,


0.3402


0.0000


254.8085, 0.3887,
0.3398


 0.0000, 0.0000,
0.0000


 30.9190, 0.4666,
0.3415

 30.9190, 0.4666,
0.3415


 26.1128, 0.5116,
0.3425


 36.9750, 0.4259,
0.3396

 22.4646, 0.5570,
0.3421


 44.3545, 0.3911,
0.3372


 19.8775, 0.5969,
0.3399

 53.1314, 0.3623,
0.3347

 18.2371, 0.6247,
0.3362

 63.3727, 0.3388,
0.3323

 17.6682, 0.6346,
0.3343

 75.1410, 0.3198,
0.3299

■ 88.4954, 0.3044,
0.3278

■ 95.8987, 0.2988,
0.3290

Harmonies

Analogous

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



30.9190, 0.4136, 0.2854



30.9190, 0.4666, 0.3415



30.9190, 0.4691, 0.4009

Triad

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



30.9190, 0.4666, 0.3415



30.9190, 0.2790, 0.4502



30.9190, 0.2002, 0.2080

Complementary

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



30.9190, 0.4666, 0.3415



60.6107, 0.2408, 0.3147

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.



30.9190, 0.1754, 0.2307



30.9190, 0.4666, 0.3415



30.9190, 0.2150, 0.3696

Square

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



30.9190, 0.4666, 0.3415



30.9190, 0.3564, 0.4802



30.9190, 0.1797, 0.2857



30.9190, 0.2538, 0.2124

Rectangle

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



30.9190, 0.4666, 0.3415



30.9190, 0.4446, 0.4381



30.9190, 0.1797, 0.2857



30.9190, 0.1888, 0.2123

Sweetspot

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



30.9206, 0.4666, 0.3415



76.1450, 0.3426, 0.3327



32.7129, 0.3292, 0.2088



15.7181, 0.3472, 0.3332



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.



30.9206, 0.4666, 0.3415



31.8304, 0.5163, 0.3425



50.6427, 0.4222, 0.4104



14.5692, 0.3290, 0.3311



9.8827, 0.6332, 0.3354



0.8005, 0.6162, 0.3489

Inverse Universe

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



60.6107, 0.2408, 0.3147



71.9874, 0.2315, 0.3114



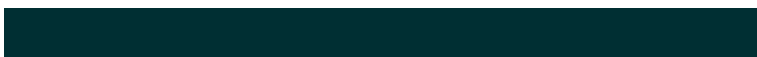
33.5162, 0.2226, 0.2273



16.1098, 0.2982, 0.3269



29.3984, 0.2171, 0.3015



2.2360, 0.2183, 0.3058

Previews

White Background



This preview shows how the Yxy color 30.9190, 0.4666, 0.3415 looks on a white background.

Color Contrast Check

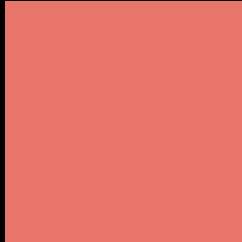
Large Text (above 18pt) WCAG AA × Fail

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 30.9190, 0.4666, 0.3415 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 30.9190, 0.4666, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 30.9190, 0.4666, 0.3415.



This preview shows how white text looks on a background with the Yxy color 30.9190, 0.4666, 0.3415.

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

30.9190, 0.4666, 0.3415

Protanopia

31.0908, 0.3526, 0.3752

Deuteranopia

31.1355, 0.3993, 0.3914



Tritanopia

31.0152, 0.4476, 0.3205

Trichromacy



Original Color

30.9190, 0.4666, 0.3415

Protanomaly

30.2910, 0.3923, 0.3614

Deuteranomaly

30.5866, 0.4239, 0.3711

Tritanomaly

31.0988, 0.4546, 0.3283

Monochromacy



Original Color

30.9190, 0.4666, 0.3415

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6015, 0.3645, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9190, 0.4666, 0.3415 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(232, 117, 106)` looks like.

```
.text, #text, p{  
    color:rgb(232, 117, 106)  
}
```

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(232, 117, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 117, 106) }
```

Border

The CSS property to change the border of an element to Yxy 30.9190, 0.4666, 0.3415 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(232, 117, 106) }
```

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

```
.border{ border-color:rgb(232, 117, 106) }
```

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

Here you see how a box with a 4 pixel rgb(232, 117, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 117, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 117, 106);  
box-shadow:4px 4px 4px 4px rgb(232, 117,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9190, 0.4666, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 117, 106) }
```

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

```
.background{ background-color: rgb(232,  
117, 106) }
```

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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