

Converting Colors

$Y_{xy}(30.3079, 0.4366, 0.3167)$

Have a look what the booklet for
Yxy(30.3079, 0.4366, 0.3167)
contains.

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Color

Yxy(30.3540, 0.4356, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	E3747F
RGB	227, 116, 127
RGB Percent	89%, 45%, 50%
CMY	0.1099, 0.5450, 0.5019
CMYK	0.00, 0.49, 0.44, 0.11
HSL	354°, 66%, 67%
HSV	354°, 49%, 89%
XYZ	41.7499, 30.3540, 23.7407
YIQ	150.4430, 62.6250, 26.9530

Conversions

Conversions Part 2

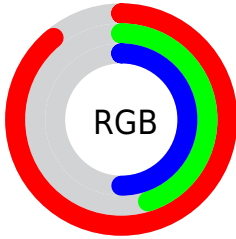
Format	Color
R_{YB}	227, 116, 127
Decimal	14906495
CIE Lab	61.96, 44.05, 14.03
CIE LCh	62, 46.234, 17.671
Yxy	30.3540, 0.4356, 0.3167
Android (android.graphics.Color)	4293096575 (0xFFE3747F)
YUV	150.4430, -11.5574, 67.1405
Hunter-Lab	55.0945, 38.8499, 13.0175

Details

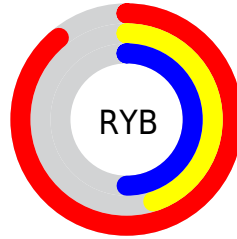
The Yxy color **30.3540, 0.4356, 0.3167** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.5973, 0.2538, 0.3430**, and the grayscale version is **30.7301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3047, 0.3818, 0.3187**, and **12.5417, 0.4779, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **25.2652, 0.4771, 0.3152**, and if you desaturate by 10%, it is **36.8323, 0.3998, 0.3190**.

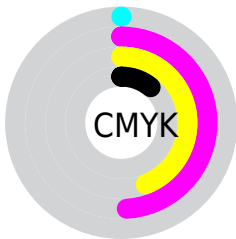
Distribution



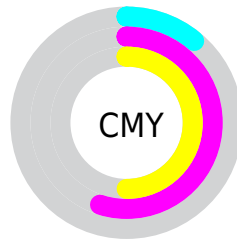
- Red (89%)
- Green (45%)
- Blue (50%)



- Red (89%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (49%)
- Yellow (44%)
- Black (11%)




- Cyan (11%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3540, 0.4356, 0.3167 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 30.3540, 0.4356, 0.3167 by changing the saturation by 10% instead.


 30.3540, 0.4356,
0.3167


 30.3540, 0.4356,
0.3167

303.5511, 0.3693,
0.3254


 20.1074, 0.4537,
0.3135


 60.2216, 0.4104,
0.3206

 12.4732, 0.4777,
0.3088


 80.6113, 0.4012,
0.3218

 7.0668, 0.5111,
0.3012


 105.1510, 0.3936,
0.3228

 3.5039, 0.5599,
0.2881

134.2249, 0.3872,
0.3235

 1.4001, 0.6456,
0.2667

168.2175, 0.3818,
0.3242

 0.2168, 0.8627,
0.1373

207.5131, 0.3770,

 0.0000, 1.0000,

0.3247

0.0000

252.4962, 0.3729,
0.3251


 0.0000, 0.0000,
0.0000


 30.3540, 0.4356,
0.3167


 30.3540, 0.4356,
0.3167


 25.2652, 0.4771,
0.3152


 36.8323, 0.3998,
0.3190


 21.4599, 0.5222,
0.3149


 44.7868, 0.3701,
0.3216


 18.8246, 0.5665,
0.3165

 54.3023, 0.3461,
0.3243

 17.2234, 0.6037,
0.3199

 65.4561, 0.3267,
0.3268

 16.4513, 0.6283,
0.3243

 78.3202, 0.3111,
0.3293

 16.3870, 0.6304,
0.3246

 92.9626, 0.2986,
0.3315

 95.0672, 0.2958,
0.3290

Harmonies

Analogous

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



30.3540, 0.3716, 0.2678



30.3540, 0.4356, 0.3167



30.3540, 0.4607, 0.3716

Triad

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



30.3540, 0.4356, 0.3167



30.3540, 0.3156, 0.4581



30.3540, 0.1946, 0.2239

Complementary

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



30.3540, 0.4356, 0.3167



63.5973, 0.2538, 0.3430

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.



30.3540, 0.1840, 0.2592



30.3540, 0.4356, 0.3167



30.3540, 0.2483, 0.4028

Square

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



30.3540, 0.4356, 0.3167



30.3540, 0.3859, 0.4615



30.3540, 0.2018, 0.3236



30.3540, 0.2324, 0.2163

Rectangle

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



30.3540, 0.4356, 0.3167



30.3540, 0.4515, 0.4077



30.3540, 0.2018, 0.3236



30.3540, 0.1880, 0.2324

Sweetspot

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



30.3556, 0.4356, 0.3167



75.9528, 0.3382, 0.3253



32.6215, 0.3074, 0.2072



15.6201, 0.3425, 0.3247



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.



30.3556, 0.4356, 0.3167



32.6145, 0.4793, 0.3151



42.8705, 0.4214, 0.3806



14.3911, 0.3277, 0.3267



9.5669, 0.6283, 0.3235



0.7149, 0.6011, 0.3085

Inverse Universe

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



30.3556, 0.4356, 0.3167



32.6145, 0.4793, 0.3151



42.9594, 0.2372, 0.2688



14.3911, 0.3277, 0.3267



9.5669, 0.6283, 0.3235



0.7149, 0.6011, 0.3085

Previews

White Background



This preview shows how the Yxy color 30.3540, 0.4356, 0.3167 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 30.3540, 0.4356, 0.3167 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 30.3540, 0.4356, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 30.3540, 0.4356, 0.3167.



This preview shows how white text looks on a background with the Yxy color 30.3540, 0.4356, 0.3167.

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

30.3540, 0.4356, 0.3167

Protanopia

30.6963, 0.3226, 0.3383

Deuteranopia

30.3503, 0.3687, 0.3616



Tritanopia

30.3023, 0.4382, 0.3190

Trichromacy



Original Color

30.3540, 0.4356, 0.3167

Protanomaly

29.8357, 0.3611, 0.3291

Deuteranomaly

29.8429, 0.3925, 0.3429

Tritanomaly

30.3280, 0.4369, 0.3179

Monochromacy



Original Color

30.3540, 0.4356, 0.3167

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5949, 0.3532, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3540, 0.4356, 0.3167 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(227, 116, 127)` looks like.

```
.text, #text, p{  
    color:rgb(227, 116, 127)  
}
```

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(227, 116, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 116, 127) }
```

Border

The CSS property to change the border of an element to Yxy 30.3540, 0.4356, 0.3167 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(227, 116, 127) }
```

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

```
.border{ border-color:rgb(227, 116, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 116, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 116, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 116, 127);  
box-shadow:4px 4px 4px 4px rgb(227, 116,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3540, 0.4356, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 116, 127) }
```

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

```
.background{ background-color: rgb(227,  
116, 127) }
```

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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