

Converting Colors

Yxy(30.9349, 0.4437, 0.3204)

Have a look what the booklet for
Yxy(30.9349, 0.4437, 0.3204)
contains.

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Color

Yxy(30.9349, 0.4437, 0.3204)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7747C |
| RGB | 231, 116, 124 |
| RGB Percent | 91%, 45%, 49% |
| CMY | 0.0941, 0.5451, 0.5138 |
| CMYK | 0.00, 0.50, 0.46, 0.09 |
| HSL | 356°, 71%, 68% |
| HSV | 356°, 50%, 91% |
| XYZ | 42.8396, 30.9349, 22.7764 |
| YIQ | 151.2970, 65.9720, 26.8680 |

Conversions

Conversions Part 2

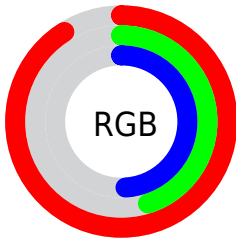
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 116, 124 |
| Decimal | 15168636 |
| CIE Lab | 62.45, 45.20, 16.54 |
| CIE LCh | 62, 48.132, 20.098 |
| Yxy | 30.9349, 0.4437, 0.3204 |
| Android (android.graphics.Color) | 4293358716 (0xFFE7747C) |
| YUV | 151.2970, -13.4574, 69.8995 |
| Hunter-Lab | 55.6192, 40.1528, 14.6538 |

Details

The Yxy color **30.9349, 0.4437, 0.3204** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **66.1987, 0.2514, 0.3389**, and the grayscale version is **31.1192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1440, 0.3855, 0.3229**, and **12.7209, 0.4884, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **25.7708, 0.4871, 0.3195**, and if you desaturate by 10%, it is **37.5447, 0.4060, 0.3219**.

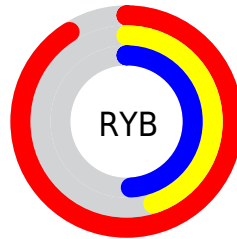
Distribution



Red (91%)

Green (45%)

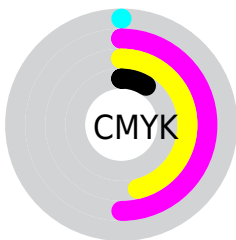
Blue (49%)



Red (91%)

Yellow (45%)

Blue (49%)

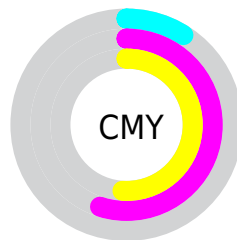


Cyan (0%)

Magenta (50%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9349, 0.4437, 0.3204 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 30.9349, 0.4437, 0.3204 by changing the saturation by 10% instead.


 30.9349, 0.4437,
0.3204

 30.9349, 0.4437,
0.3204


306.2383, 0.3732,
0.3276


 20.5493, 0.4628,
0.3175


 61.1376, 0.4170,
0.3238

 12.7949, 0.4880,
0.3130

 81.7234, 0.4073,
0.3248

 7.2875, 0.5228,
0.3056


 106.4781, 0.3992,
0.3256

 3.6425, 0.5730,
0.2924

135.7860, 0.3924,
0.3262

 1.4757, 0.6639,
0.2725

170.0316, 0.3865,
0.3267

 0.2715, 0.8446,
0.1554

209.5993, 0.3815,


 0.0000, 1.0000,


0.3271

0.0000

254.8734, 0.3771,
0.3274

 0.0000, 0.0000,
0.0000


 30.9349, 0.4437,
0.3204


 30.9349, 0.4437,
0.3204


 25.7708, 0.4871,
0.3195


 37.5447, 0.4060,
0.3219


 21.9397, 0.5335,
0.3196


 45.6922, 0.3747,
0.3237


 19.3203, 0.5776,
0.3210

 55.4674, 0.3492,
0.3255


 17.7671, 0.6127,
0.3237

 66.9521, 0.3288,
0.3273

 17.0400, 0.6339,
0.3267

 80.2224, 0.3124,
0.3290

 17.0278, 0.6342,
0.3267

 95.3501, 0.2993,
0.3306

 95.7303, 0.2982,
0.3290

Harmonies

Analogous

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



30.9349, 0.3798, 0.2695



30.9349, 0.4437, 0.3204



30.9349, 0.4655, 0.3768

Triad

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



30.9349, 0.4437, 0.3204



30.9349, 0.3093, 0.4603



30.9349, 0.1933, 0.2191

Complementary

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



30.9349, 0.4437, 0.3204



66.1987, 0.2514, 0.3389

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.



30.9349, 0.1801, 0.2526



30.9349, 0.4437, 0.3204



30.9349, 0.2412, 0.3992

Square

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



30.9349, 0.4437, 0.3204



30.9349, 0.3823, 0.4675



30.9349, 0.1958, 0.3167



30.9349, 0.2342, 0.2136

Rectangle

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



30.9349, 0.4437, 0.3204



30.9349, 0.4534, 0.4139



30.9349, 0.1958, 0.3167



30.9349, 0.1858, 0.2269

Sweetspot

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



30.9365, 0.4437, 0.3204



75.8927, 0.3390, 0.3264



33.7002, 0.3091, 0.2058



15.6058, 0.3435, 0.3260



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.



30.9365, 0.4437, 0.3204



31.9464, 0.4895, 0.3195



44.7742, 0.4230, 0.3836



14.3841, 0.3282, 0.3274



9.5517, 0.6324, 0.3258



0.7116, 0.6121, 0.3145

Inverse Universe

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



30.9365, 0.4437, 0.3204



31.9464, 0.4895, 0.3195



43.3870, 0.2354, 0.2647



14.3841, 0.3282, 0.3274



9.5517, 0.6324, 0.3258



0.7116, 0.6121, 0.3145

Previews

White Background



This preview shows how the Yxy color 30.9349, 0.4437, 0.3204 looks on a white background.

Color Contrast Check

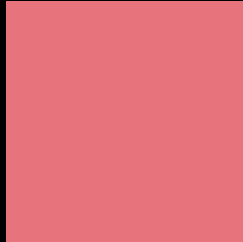
Large Text (above 18pt) WCAG AA × Fail

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 30.9349, 0.4437, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

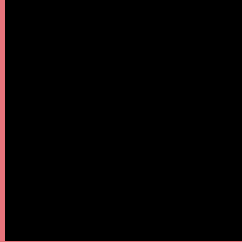
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.9349, 0.4437, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 30.9349, 0.4437, 0.3204.



This preview shows how white text looks on a background with the Yxy color 30.9349, 0.4437, 0.3204.

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

30.9349, 0.4437, 0.3204

Protanopia

31.2543, 0.3275, 0.3429

Deuteranopia

30.9298, 0.3748, 0.3670



Tritanopia

30.9349, 0.4437, 0.3204

Trichromacy



Original Color

30.9349, 0.4437, 0.3204

Protanomaly

30.1166, 0.3679, 0.3334

Deuteranomaly

30.3010, 0.4005, 0.3467

Tritanomaly

30.9349, 0.4437, 0.3204

Monochromacy



Original Color

30.9349, 0.4437, 0.3204

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8033, 0.3566, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9349, 0.4437, 0.3204 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(231, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(231, 116, 124)  
}
```

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(231, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 116, 124) }
```

Border

The CSS property to change the border of an element to Yxy 30.9349, 0.4437, 0.3204 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(231, 116, 124) }
```

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

```
.border{ border-color:rgb(231, 116, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 116, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 116, 124);  
box-shadow:4px 4px 4px 4px rgb(231, 116,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9349, 0.4437, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 116, 124) }
```

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

```
.background{ background-color: rgb(231,  
116, 124) }
```

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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