

Converting Colors

Yxy(31.7405, 0.4191, 0.3163)

Have a look what the booklet for
Yxy(31.7405, 0.4191, 0.3163)
contains.

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Color

Yxy(31.7344, 0.4199, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	E07B86
RGB	224, 123, 134
RGB Percent	88%, 48%, 53%
CMY	0.1216, 0.5176, 0.4744
CMYK	0.00, 0.45, 0.40, 0.12
HSL	353°, 62%, 68%
HSV	353°, 45%, 88%
XYZ	42.1286, 31.7344, 26.4671
YIQ	154.4530, 56.6650, 24.8330

Conversions

Conversions Part 2

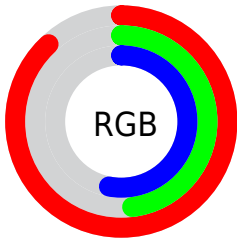
Format	Color
R _Y B	224, 123, 134
Decimal	14711686
CIE Lab	63.12, 40.18, 11.60
CIE LCh	63, 41.821, 16.104
Yxy	31.7344, 0.4199, 0.3163
Android (android.graphics.Color)	4292901766 (0xFFE07B86)
YUV	154.4530, -10.0833, 60.9927
Hunter-Lab	56.3333, 34.9071, 11.5771

Details

The Yxy color **31.7344, 0.4199, 0.3163** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.3276, 0.2578, 0.3431**, and the grayscale version is **32.5523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2921, 0.3733, 0.3187**, and **13.2693, 0.4561, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **26.2944, 0.4588, 0.3142**, and if you desaturate by 10%, it is **38.5541, 0.3869, 0.3190**.

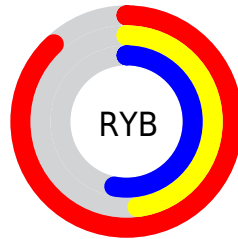
Distribution



Red (88%)

Green (48%)

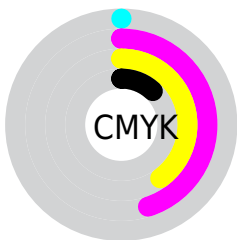
Blue (53%)



Red (88%)

Yellow (48%)

Blue (53%)

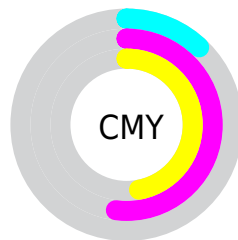


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7344, 0.4199, 0.3163 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 31.7344, 0.4199, 0.3163 by changing the saturation by 10% instead.


 31.7344, 0.4199,
0.3163

 31.7344, 0.4199,
0.3163


309.9076, 0.3624,
0.3246

 21.1587, 0.4355,
0.3135


 62.3945, 0.3981,
0.3199

 13.2401, 0.4562,
0.3094


 83.2477, 0.3902,
0.3210

 7.5941, 0.4850,
0.3030


 108.2955, 0.3836,
0.3219

 3.8363, 0.5272,
0.2922

137.9223, 0.3781,
0.3227

 1.5824, 0.5952,
0.2722

172.5125, 0.3733,
0.3233

 0.3457, 0.8021,
0.1979

212.4505, 0.3692,

 0.0000, 1.0000,

0.3238


0.0000


258.1208, 0.3656,
0.3243


 0.0000, 0.0000,
0.0000


 31.7344, 0.4199,
0.3163


 31.7344, 0.4199,
0.3163

 26.2944, 0.4588,
0.3142


 38.5541, 0.3869,
0.3190


 22.1354, 0.5025,
0.3133


 46.8336, 0.3598,
0.3220


 19.1534, 0.5475,
0.3141


 56.6527, 0.3379,
0.3249

 17.2262, 0.5882,
0.3170

 68.0841, 0.3203,
0.3277

 16.2041, 0.6184,
0.3217

 81.1956, 0.3062,
0.3302

 15.9157, 0.6288,
0.3238

 94.5082, 0.2947,
0.3302

 94.5879, 0.2940,
0.3289

Harmonies

Analogous

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



31.7344, 0.3620, 0.2718



31.7344, 0.4199, 0.3163



31.7344, 0.4449, 0.3664

Triad

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



31.7344, 0.4199, 0.3163



31.7344, 0.3198, 0.4441



31.7344, 0.2046, 0.2354

Complementary

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



31.7344, 0.4199, 0.3163



62.3276, 0.2578, 0.3431

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.



31.7344, 0.1963, 0.2696



31.7344, 0.4199, 0.3163



31.7344, 0.2583, 0.3975

Square

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



31.7344, 0.4199, 0.3163



31.7344, 0.3826, 0.4466



31.7344, 0.2144, 0.3286



31.7344, 0.2381, 0.2266

Rectangle

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



31.7344, 0.4199, 0.3163



31.7344, 0.4388, 0.3992



31.7344, 0.2144, 0.3286



31.7344, 0.1989, 0.2439

Sweetspot

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



31.7360, 0.4199, 0.3163



77.4180, 0.3360, 0.3252



33.5781, 0.3065, 0.2155



15.9093, 0.3403, 0.3245



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.



31.7360, 0.4199, 0.3163



35.7275, 0.4559, 0.3143



43.0197, 0.4112, 0.3749



13.7247, 0.3275, 0.3265



9.2720, 0.6265, 0.3225



0.6510, 0.5957, 0.3055

Inverse Universe

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



31.7360, 0.4199, 0.3163



35.7275, 0.4559, 0.3143



44.4109, 0.2432, 0.2767



13.7247, 0.3275, 0.3265



9.2720, 0.6265, 0.3225



0.6510, 0.5957, 0.3055

Previews

White Background



This preview shows how the Yxy color 31.7344, 0.4199, 0.3163 looks on a white background.

Color Contrast Check

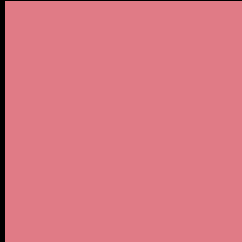
Large Text (above 18pt) WCAG AA × Fail

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 31.7344, 0.4199, 0.3163 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 31.7344, 0.4199, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 31.7344, 0.4199, 0.3163.



This preview shows how white text looks on a background with the Yxy color 31.7344, 0.4199, 0.3163.

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

31.7344, 0.4199, 0.3163

Protanopia

32.1526, 0.3195, 0.3336

Deuteranopia

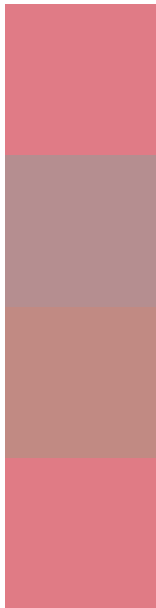
31.7092, 0.3612, 0.3539



Tritanopia

31.6792, 0.4224, 0.3187

Trichromacy



Original Color

31.7344, 0.4199, 0.3163

Protanomaly

31.1834, 0.3533, 0.3263

Deuteranomaly

31.1531, 0.3825, 0.3388

Tritanomaly

31.7067, 0.4212, 0.3175

Monochromacy



Original Color

31.7344, 0.4199, 0.3163

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.3352, 0.3476, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7344, 0.4199, 0.3163 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(224, 123, 134)` looks like.

```
.text, #text, p{  
    color:rgb(224, 123, 134)  
}
```

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(224, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 123, 134) }
```

Border

The CSS property to change the border of an element to Yxy 31.7344, 0.4199, 0.3163 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(224, 123, 134) }
```

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

```
.border{ border-color:rgb(224, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(224, 123,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7344, 0.4199, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 123, 134) }
```

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

```
.background{ background-color: rgb(224,  
123, 134) }
```

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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