

Converting Colors

Yxy(31.8122, 0.4247, 0.3199)

Have a look what the booklet for
Yxy(31.8122, 0.4247, 0.3199)
contains.

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Color

Yxy(31.8122, 0.4247, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	E17B83
RGB	225, 123, 131
RGB Percent	88%, 48%, 51%
CMY	0.1176, 0.5176, 0.4862
CMYK	0.00, 0.45, 0.42, 0.12
HSL	355°, 63%, 68%
HSV	355°, 45%, 88%
XYZ	42.2340, 31.8122, 25.3980
YIQ	154.4100, 58.2240, 24.1120

Conversions

Conversions Part 2

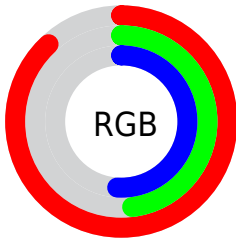
Format	Color
R_{YB}	225, 123, 131
Decimal	14777219
CIE _{Lab}	63.19, 40.22, 13.42
CIE _{LCh}	63, 42.397, 18.446
Yxy	31.8122, 0.4247, 0.3199
Android (android.graphics.Color)	4292967299 (0xFFE17B83)
YUV	154.4100, -11.5411, 61.9074
Hunter-Lab	56.4023, 34.9565, 12.7832

Details

The Yxy color **31.8122, 0.4247, 0.3199** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.0726, 0.2560, 0.3391**, and the grayscale version is **32.5386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1650, 0.3760, 0.3218**, and **13.2227, 0.4618, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **26.3512, 0.4652, 0.3185**, and if you desaturate by 10%, it is **38.6716, 0.3903, 0.3218**.

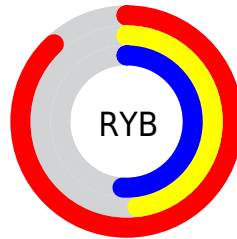
Distribution



Red (88%)

Green (48%)

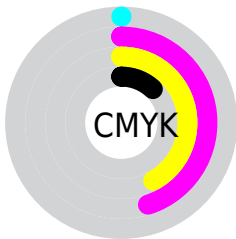
Blue (51%)



Red (88%)

Yellow (48%)

Blue (51%)

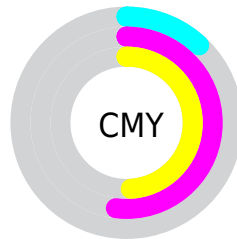


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (12%)



Cyan (12%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8122, 0.4247, 0.3199 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 31.8122, 0.4247, 0.3199 by changing the saturation by 10% instead.


 31.8122, 0.4247,
0.3199

 31.8122, 0.4247,
0.3199


310.2629, 0.3647,
0.3266


 21.2181, 0.4410,
0.3174


 62.5166, 0.4019,
0.3229

 13.2835, 0.4625,
0.3137


 83.3956, 0.3937,
0.3239

 7.6241, 0.4925,
0.3077


 108.4718, 0.3868,
0.3246

 3.8554, 0.5362,
0.2972

138.1294, 0.3810,
0.3252

 1.5930, 0.6079,
0.2783

172.7529, 0.3760,
0.3256

 0.3529, 0.8001,
0.1999

212.7268, 0.3717,

 0.0000, 1.0000,

0.3260


0.0000

258.4353, 0.3680,
0.3263


 0.0000, 0.0000,
0.0000


 31.8122, 0.4247,
0.3199


 31.8122, 0.4247,
0.3199

 26.3512, 0.4652,
0.3185


 38.6716, 0.3903,
0.3218

 22.1879, 0.5103,
0.3180


 47.0114, 0.3621,
0.3239


 19.2161, 0.5560,
0.3188

 56.9129, 0.3392,
0.3260

 17.3103, 0.5962,
0.3212

 68.4502, 0.3209,
0.3280

 16.3173, 0.6243,
0.3248

 81.6926, 0.3063,
0.3298

■ 16.0511, 0.6330,
0.3261

■ 94.7484, 0.2946,
0.3289

Harmonies

Analogous

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



31.8122, 0.3679, 0.2742



31.8122, 0.4247, 0.3199



31.8122, 0.4468, 0.3707

Triad

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



31.8122, 0.4247, 0.3199



31.8122, 0.3146, 0.4436



31.8122, 0.2051, 0.2327

Complementary

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



31.8122, 0.4247, 0.3199



63.0726, 0.2560, 0.3391

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.



31.8122, 0.1947, 0.2651



31.8122, 0.4247, 0.3199



31.8122, 0.2533, 0.3934

Square

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



31.8122, 0.4247, 0.3199



31.8122, 0.3788, 0.4494



31.8122, 0.2108, 0.3231



31.8122, 0.2409, 0.2258

Rectangle

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



31.8122, 0.4247, 0.3199



31.8122, 0.4385, 0.4035



31.8122, 0.2108, 0.3231



31.8122, 0.1987, 0.2405

Sweetspot

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



31.8138, 0.4247, 0.3199



77.3596, 0.3368, 0.3262



34.2783, 0.3097, 0.2160



15.8953, 0.3412, 0.3258



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.



31.8138, 0.4247, 0.3199



35.6149, 0.4611, 0.3186



44.5302, 0.4100, 0.3790



13.7180, 0.3280, 0.3272



9.2556, 0.6311, 0.3250



0.6477, 0.6072, 0.3119

Inverse Universe

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



31.8138, 0.4247, 0.3199



35.6149, 0.4611, 0.3186



43.3098, 0.2420, 0.2716



13.7180, 0.3280, 0.3272



9.2556, 0.6311, 0.3250



0.6477, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 31.8122, 0.4247, 0.3199 looks on a white background.

Color Contrast Check

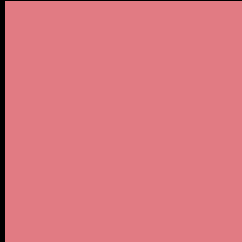
Large Text (above 18pt) WCAG AA × Fail

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 31.8122, 0.4247, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

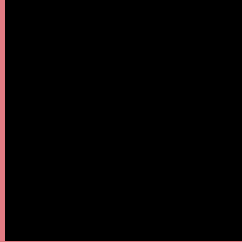
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.8122, 0.4247, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 31.8122, 0.4247, 0.3199.



This preview shows how white text looks on a background with the Yxy color 31.8122, 0.4247, 0.3199.

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

31.8122, 0.4247, 0.3199

Protanopia

32.1582, 0.3234, 0.3381

Deuteranopia

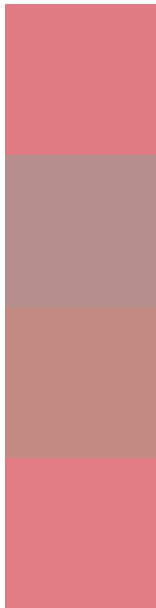
31.7469, 0.3655, 0.3581



Tritanopia

31.8394, 0.4235, 0.3188

Trichromacy



Original Color

31.8122, 0.4247, 0.3199

Protanomaly

31.2142, 0.3576, 0.3306

Deuteranomaly

31.2048, 0.3871, 0.3428

Tritanomaly

31.8394, 0.4235, 0.3188

Monochromacy



Original Color

31.8122, 0.4247, 0.3199

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.4235, 0.3498, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8122, 0.4247, 0.3199 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(225, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(225, 123, 131)  
}
```

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(225, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 123, 131) }
```

Border

The CSS property to change the border of an element to Yxy 31.8122, 0.4247, 0.3199 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(225, 123, 131) }
```

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

```
.border{ border-color:rgb(225, 123, 131) }
```

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

Here you see how a box with a 4 pixel rgb(225, 123, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(225, 123,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8122, 0.4247, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 123, 131) }
```

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

```
.background{ background-color: rgb(225,  
123, 131) }
```

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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