

Converting Colors

$Y_{xy}(31.3122, 0.4377, 0.3191)$

Have a look what the booklet for
Yxy(31.3122, 0.4377, 0.3191)
contains.

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Color

Yxy(31.3122, 0.4377, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	E6767F
RGB	230, 118, 127
RGB Percent	90%, 46%, 50%
CMY	0.0979, 0.5373, 0.5019
CMYK	0.00, 0.49, 0.45, 0.10
HSL	355°, 69%, 68%
HSV	355°, 49%, 90%
XYZ	42.9500, 31.3122, 23.8644
YIQ	152.5140, 63.8630, 26.5430

Conversions

Conversions Part 2

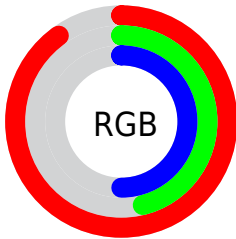
Format	Color
R _{YB}	230, 118, 127
Decimal	15103615
CIE _{Lab}	62.77, 44.16, 15.23
CIE _{LCh}	63, 46.712, 19.023
Y _{xy}	31.3122, 0.4377, 0.3191
Android (android.graphics.Color)	4293293695 (0xFFE6767F)
Y _{UV}	152.5140, -12.5784, 67.9552
Hunter-Lab	55.9573, 39.0823, 13.8844

Details

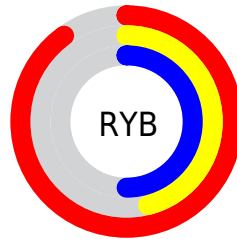
The Yxy color **31.3122, 0.4377, 0.3191** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **65.6802, 0.2530, 0.3403**, and the grayscale version is **31.6681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0603, 0.3811, 0.3208**, and **12.9886, 0.4810, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **26.0468, 0.4800, 0.3179**, and if you desaturate by 10%, it is **38.0173, 0.4012, 0.3209**.

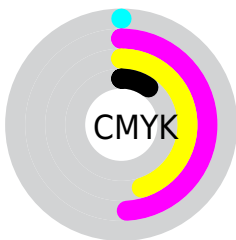
Distribution



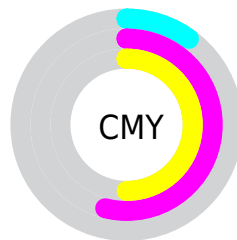
- Red (90%)
- Green (46%)
- Blue (50%)



- Red (90%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (49%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.3122, 0.4377, 0.3191 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 31.3122, 0.4377, 0.3191 by changing the saturation by 10% instead.


 31.3122, 0.4377,
0.3191


 31.3122, 0.4377,
0.3191


307.9740, 0.3706,
0.3267


 20.8367, 0.4559,
0.3162


 61.7313, 0.4122,
0.3226

 13.0047, 0.4799,
0.3118

 82.4436, 0.4030,
0.3237

 7.4318, 0.5131,
0.3047


 107.3370, 0.3953,
0.3245

 3.7336, 0.5613,
0.2922

136.7959, 0.3888,
0.3251

 1.5257, 0.6438,
0.2716

171.2047, 0.3833,
0.3256

 0.3067, 0.8291,
0.1709


210.9477, 0.3785,


 0.0000, 1.0000,


0.3261

0.0000


256.4093, 0.3743,
0.3264


 0.0000, 0.0000,
0.0000


 31.3122, 0.4377,
0.3191

 31.3122, 0.4377,
0.3191


 26.0468, 0.4800,
0.3179


 38.0173, 0.4012,
0.3209


 22.1112, 0.5259,
0.3178

 46.2517, 0.3709,
0.3230


 19.3877, 0.5705,
0.3192


 56.1036, 0.3464,
0.3252

 17.7355, 0.6072,
0.3221

 67.6530, 0.3267,
0.3273

 16.9474, 0.6307,
0.3258

 80.9746, 0.3109,
0.3292

 16.8732, 0.6329,
0.3260

 95.4976, 0.2982,
0.3300

 95.5677, 0.2976,
0.3290

Harmonies

Analogous

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



31.3122, 0.3749, 0.2698



31.3122, 0.4377, 0.3191



31.3122, 0.4607, 0.3741

Triad

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



31.3122, 0.4377, 0.3191



31.3122, 0.3124, 0.4567



31.3122, 0.1958, 0.2230

Complementary

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



31.3122, 0.4377, 0.3191



65.6802, 0.2530, 0.3403

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.



31.3122, 0.1839, 0.2569



31.3122, 0.4377, 0.3191



31.3122, 0.2457, 0.3994

Square

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



31.3122, 0.4377, 0.3191



31.3122, 0.3829, 0.4623



31.3122, 0.2003, 0.3202



31.3122, 0.2348, 0.2165

Rectangle

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



31.3122, 0.4377, 0.3191



31.3122, 0.4502, 0.4101



31.3122, 0.2003, 0.3202



31.3122, 0.1887, 0.2311

Sweetspot

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



31.3138, 0.4377, 0.3191



75.9154, 0.3387, 0.3260



33.9919, 0.3092, 0.2082



15.6112, 0.3431, 0.3255



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.



31.3138, 0.4377, 0.3191



33.1287, 0.4783, 0.3179



44.9267, 0.4198, 0.3825



14.3868, 0.3280, 0.3271



9.5570, 0.6310, 0.3250



0.7128, 0.6078, 0.3122

Inverse Universe

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



31.3138, 0.4377, 0.3191



33.1287, 0.4783, 0.3179



43.5742, 0.2369, 0.2664



14.3868, 0.3280, 0.3271



9.5570, 0.6310, 0.3250



0.7128, 0.6078, 0.3122

Previews

White Background



This preview shows how the Yxy color 31.3122, 0.4377, 0.3191 looks on a white background.

Color Contrast Check

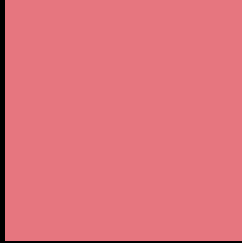
Large Text (above 18pt) WCAG AA × Fail

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 31.3122, 0.4377, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

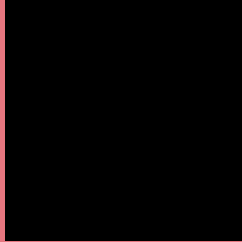
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3122, 0.4377, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 31.3122, 0.4377, 0.3191.



This preview shows how white text looks on a background with the Yxy color 31.3122, 0.4377, 0.3191.

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

31.3122, 0.4377, 0.3191

Protanopia

31.6382, 0.3254, 0.3413

Deuteranopia

31.3100, 0.3712, 0.3640



Tritanopia

31.2862, 0.4390, 0.3203

Trichromacy



Original Color

31.3122, 0.4377, 0.3191

Protanomaly

30.7815, 0.3638, 0.3320

Deuteranomaly

30.7993, 0.3949, 0.3454

Tritanomaly

31.2862, 0.4390, 0.3203

Monochromacy



Original Color

31.3122, 0.4377, 0.3191

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.5935, 0.3538, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3122, 0.4377, 0.3191 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(230, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 118, 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(230, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 118, 127) }
```

Border

The CSS property to change the border of an element to Yxy 31.3122, 0.4377, 0.3191 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(230, 118, 127) }
```

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

```
.border{ border-color:rgb(230, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 118, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 118, 127); box-shadow:4px 4px 4px 4px rgb(230, 118, 127) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.3122, 0.4377, 0.3191$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 118, 127) }
```

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

```
.background{ background-color: rgb(230,  
118, 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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