

Converting Colors

$Y_{xy}(31.5358, 0.3920, 0.2834)$

Have a look what the booklet for
Yxy(31.5358, 0.3920, 0.2834)
contains.

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Color

Yxy(31.5096, 0.3914, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	E0779E
RGB	224, 119, 158
RGB Percent	88%, 47%, 62%
CMY	0.1217, 0.5332, 0.3804
CMYK	0.00, 0.47, 0.29, 0.12
HSL	338°, 63%, 67%
HSV	338°, 47%, 88%
XYZ	43.5021, 31.5096, 36.1332
YIQ	154.8410, 50.0610, 34.3890

Conversions

Conversions Part 2

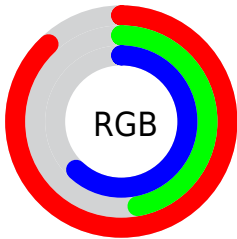
Format	Color
R _Y B	224, 119, 158
Decimal	14710686
CIE Lab	62.94, 45.09, -2.37
CIE LCh	63, 45.148, 356.990
Yxy	31.5096, 0.3914, 0.2835
Android (android.graphics.Color)	4292900766 (0xFFE0779E)
YUV	154.8410, 1.5574, 60.6524
Hunter-Lab	56.1334, 40.1000, 1.1283

Details

The Yxy color **31.5096, 0.3914, 0.2835** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60.7238, 0.2704, 0.3817**, and the grayscale version is **32.6831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9512, 0.3510, 0.2880**, and **13.0650, 0.4170, 0.2680** is the 20% darker color. If you saturate the color by 10%, you get **26.3348, 0.4181, 0.2753**, and if you desaturate by 10%, it is **37.9992, 0.3685, 0.2931**.

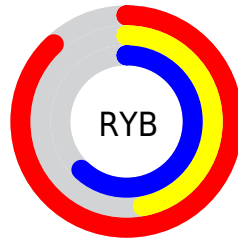
Distribution



Red (88%)

Green (47%)

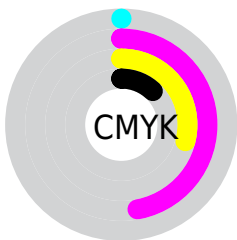
Blue (62%)



Red (88%)

Yellow (47%)

Blue (62%)

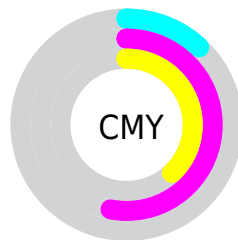


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (12%)



Cyan (12%)


Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.5096, 0.3914, 0.2835 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 31.5096, 0.3914, 0.2835 by changing the saturation by 10% instead.


 31.5096, 0.3914,
0.2835


 31.5096, 0.3914,
0.2835


308.8792, 0.3498,
0.3073


 20.9872, 0.4025,
0.2772


 62.0415, 0.3757,
0.2924

 13.1146, 0.4173,
0.2689


 82.8198, 0.3700,
0.2957

 7.5075, 0.4377,
0.2575


 107.7855, 0.3652,
0.2984

 3.7815, 0.4678,
0.2410

137.3230, 0.3612,
0.3007

 1.5521, 0.5158,
0.2150

171.8168, 0.3577,
0.3027

 0.3250, 0.6468,
0.1359

211.6511, 0.3547,

 0.0000, 1.0000,

0.3045

0.0000

257.2105, 0.3521,
0.3060

0.0000, 0.0000,
0.0000

31.5096, 0.3914,
0.2835

31.5096, 0.3914,
0.2835

26.3348, 0.4181,
0.2753

37.9992, 0.3685,
0.2931

22.3786, 0.4483,
0.2696

45.8814, 0.3492,
0.3032

19.5393, 0.4807,
0.2677


55.2338, 0.3333,
0.3132

17.6960, 0.5133,
0.2706

66.1265, 0.3203,
0.3228

16.6936, 0.5435,
0.2787

78.6254, 0.3096,
0.3318

 16.4701, 0.5525,
0.2817

 92.7922, 0.3009,
0.3401

 94.5830, 0.2940,
0.3289

Harmonies

Analogous

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



31.5096, 0.3184, 0.2441



31.5096, 0.3914, 0.2835



31.5096, 0.4435, 0.3337

Triad

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



31.5096, 0.3914, 0.2835



31.5096, 0.3636, 0.4610



31.5096, 0.1882, 0.2480

Complementary

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



31.5096, 0.3914, 0.2835



60.7238, 0.2704, 0.3817

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.



31.5096, 0.1969, 0.3021



31.5096, 0.3914, 0.2835



31.5096, 0.2944, 0.4413

Square

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



31.5096, 0.3914, 0.2835



31.5096, 0.4227, 0.4355



31.5096, 0.2338, 0.3769



31.5096, 0.2068, 0.2222

Rectangle

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



31.5096, 0.3914, 0.2835



31.5096, 0.4556, 0.3696



31.5096, 0.2338, 0.3769



31.5096, 0.1880, 0.2629

Sweetspot

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



31.5112, 0.3914, 0.2835



77.9375, 0.3295, 0.3159



28.7388, 0.2791, 0.2017



16.0346, 0.3325, 0.3137



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.



31.5112, 0.3914, 0.2835



35.6172, 0.4169, 0.2756



33.4807, 0.4335, 0.3438



13.7843, 0.3234, 0.3203



9.6098, 0.5485, 0.2795



0.6830, 0.5063, 0.2563

Inverse Universe

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



31.5112, 0.3914, 0.2835



35.6172, 0.4169, 0.2756



56.2560, 0.2477, 0.3129



13.7843, 0.3234, 0.3203



9.6098, 0.5485, 0.2795



0.6830, 0.5063, 0.2563

Previews

White Background



This preview shows how the Yxy color 31.5096, 0.3914, 0.2835 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 31.5096, 0.3914, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

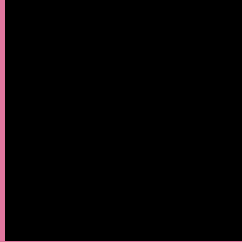
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5096, 0.3914, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 31.5096, 0.3914, 0.2835.



This preview shows how white text looks on a background with the Yxy color 31.5096, 0.3914, 0.2835.

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

31.5096, 0.3914, 0.2835

Protanopia

31.6435, 0.2859, 0.2889

Deuteranopia

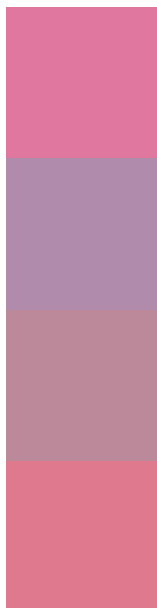
31.6952, 0.3276, 0.3217



Tritanopia

31.6384, 0.4185, 0.3186

Trichromacy



Original Color

31.5096, 0.3914, 0.2835

Protanomaly

30.6356, 0.3201, 0.2843

Deuteranomaly

30.9492, 0.3502, 0.3044

Tritanomaly

31.5600, 0.4093, 0.3056

Monochromacy



Original Color

31.5096, 0.3914, 0.2835

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.4496, 0.3394, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5096, 0.3914, 0.2835 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, 119, 158)` looks like.

```
.text, #text, p{  
    color:rgb(224, 119, 158)  
}
```

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, 119, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 119, 158) }
```

Border

The CSS property to change the border of an element to Yxy 31.5096, 0.3914, 0.2835 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, 119, 158) }
```

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

```
.border{ border-color:rgb(224, 119, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 119, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 119, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 119, 158);  
box-shadow:4px 4px 4px 4px rgb(224, 119,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5096, 0.3914, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 119, 158) }
```

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

```
.background{ background-color: rgb(224,  
119, 158) }
```

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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