

Converting Colors

Yxy(31.9108, 0.4432, 0.3190)

Have a look what the booklet for
Yxy(31.9108, 0.4432, 0.3190)
contains.

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Color

Yxy(31.9171, 0.4433, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	EB757F
RGB	235, 117, 127
RGB Percent	92%, 46%, 50%
CMY	0.0785, 0.5411, 0.5019
CMYK	0.00, 0.50, 0.46, 0.08
HSL	355°, 75%, 69%
HSV	355°, 50%, 92%
XYZ	44.4513, 31.9171, 23.9052
YIQ	153.4220, 67.1180, 28.1260

Conversions

Conversions Part 2

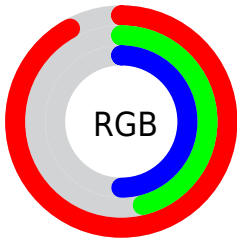
Format	Color
R_{YB}	235, 117, 127
Decimal	15431039
CIE Lab	63.27, 46.41, 16.03
CIE LCh	63, 49.097, 19.051
Yxy	31.9171, 0.4433, 0.3183
Android (android.graphics.Color)	4293621119 (0xFFEB757F)
YUV	153.4220, -13.0260, 71.5439
Hunter-Lab	56.4952, 41.5799, 14.4588

Details

The Yxy color **31.9171, 0.4433, 0.3183** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **68.6271, 0.2518, 0.3413**, and the grayscale version is **32.0873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0603, 0.3811, 0.3208**, and **13.3308, 0.4869, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **26.6101, 0.4862, 0.3172**, and if you desaturate by 10%, it is **38.7212, 0.4060, 0.3202**.

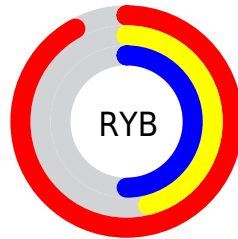
Distribution



Red (92%)

Green (46%)

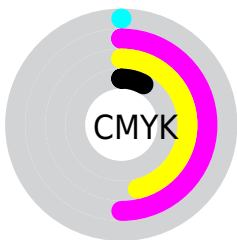
Blue (50%)



Red (92%)

Yellow (46%)

Blue (50%)

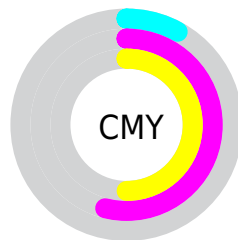


Cyan (0%)

Magenta (50%)

Yellow (46%)

Black (8%)



Cyan (8%)


Magenta (54%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9171, 0.4433, 0.3183 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 31.9171, 0.4433, 0.3183 by changing the saturation by 10% instead.


 31.9171, 0.4433,
0.3183


 31.9171, 0.4433,
0.3183


310.7414, 0.3734,
0.3265

 21.2982, 0.4621,
0.3152


 62.6811, 0.4169,
0.3220

 13.3421, 0.4869,
0.3105


 83.5950, 0.4072,
0.3232

 7.6646, 0.5209,
0.3029


 108.7093, 0.3992,
0.3241

 3.8811, 0.5698,
0.2898

138.4085, 0.3925,
0.3248

 1.6073, 0.6520,
0.2681

173.0769, 0.3867,
0.3254

 0.3625, 0.8200,
0.1800

213.0989, 0.3816,


 0.0000, 1.0000,


0.3258


0.0000

258.8590, 0.3773,
0.3262

 0.0000, 0.0000,
0.0000


 31.9171, 0.4433,
0.3183


 31.9171, 0.4433,
0.3183

 26.6101, 0.4862,
0.3172

 38.7212, 0.4060,
0.3202


 22.6827, 0.5322,
0.3173


 47.1185, 0.3749,
0.3224


 20.0081, 0.5760,
0.3189

 57.2027, 0.3496,
0.3246

 18.4337, 0.6111,
0.3222

 69.0591, 0.3293,
0.3269

 17.7103, 0.6325,
0.3258

 82.7670, 0.3130,
0.3290

 96.4000, 0.3005,
0.3290

Harmonies

Analogous

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



31.9171, 0.3776, 0.2674



31.9171, 0.4433, 0.3183



31.9171, 0.4670, 0.3750

Triad

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



31.9171, 0.4433, 0.3183



31.9171, 0.3117, 0.4630



31.9171, 0.1914, 0.2188

Complementary

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



31.9171, 0.4433, 0.3183



68.6271, 0.2518, 0.3413

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.



31.9171, 0.1791, 0.2536



31.9171, 0.4433, 0.3183



31.9171, 0.2426, 0.4027

Square

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



31.9171, 0.4433, 0.3183



31.9171, 0.3851, 0.4680



31.9171, 0.1959, 0.3193



31.9171, 0.2317, 0.2124

Rectangle

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



31.9171, 0.4433, 0.3183



31.9171, 0.4557, 0.4125



31.9171, 0.1959, 0.3193



31.9171, 0.1842, 0.2270

Sweetspot

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



31.9188, 0.4433, 0.3183



75.9240, 0.3386, 0.3258



34.4413, 0.3072, 0.2040



15.6132, 0.3430, 0.3253



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.



31.9188, 0.4433, 0.3183



32.0002, 0.4865, 0.3172



45.5683, 0.4256, 0.3820



15.0748, 0.3280, 0.3270



9.8653, 0.6305, 0.3247



0.7818, 0.6076, 0.3121

Inverse Universe

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



31.9188, 0.4433, 0.3183



32.0002, 0.4865, 0.3172



45.6604, 0.2352, 0.2667



15.0748, 0.3280, 0.3270



9.8653, 0.6305, 0.3247



0.7818, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 31.9171, 0.4433, 0.3183 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 31.9171, 0.4433, 0.3183 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 31.9171, 0.4433, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 31.9171, 0.4433, 0.3183.



This preview shows how white text looks on a background with the Yxy color 31.9171, 0.4433, 0.3183.

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

31.9171, 0.4433, 0.3183

Protanopia

32.0959, 0.3253, 0.3412

Deuteranopia

32.1687, 0.3725, 0.3666



Tritanopia

31.8911, 0.4446, 0.3194

Trichromacy



Original Color

31.9171, 0.4433, 0.3183

Protanomaly

31.0302, 0.3660, 0.3320

Deuteranomaly

31.4887, 0.3977, 0.3465

Tritanomaly

31.8911, 0.4446, 0.3194

Monochromacy



Original Color

31.9171, 0.4433, 0.3183

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8371, 0.3560, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9171, 0.4433, 0.3183 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(235, 117, 127)` looks like.

```
.text, #text, p{  
    color:rgb(235, 117, 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(235, 117, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 117, 127) }
```

Border

The CSS property to change the border of an element to Yxy 31.9171, 0.4433, 0.3183 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(235, 117, 127) }
```

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

```
.border{ border-color:rgb(235, 117, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 117, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 117, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 117, 127); box-shadow:4px 4px 4px 4px rgb(235, 117, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9171, 0.4433, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 117, 127) }
```

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

```
.background{ background-color: rgb(235,  
117, 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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