

Converting Colors

Yxy(34.0494, 0.4130, 0.3131)

Have a look what the booklet for
Yxy(34.0494, 0.4130, 0.3131)
contains.

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Color

Yxy(34.0494, 0.4130, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	E5808E
RGB	229, 128, 142
RGB Percent	90%, 50%, 56%
CMY	0.1020, 0.4980, 0.4432
CMYK	0.00, 0.44, 0.38, 0.10
HSL	352°, 66%, 70%
HSV	352°, 44%, 90%
XYZ	44.9135, 34.0494, 29.7864
YIQ	159.7950, 55.7020, 25.7660

Conversions

Conversions Part 2

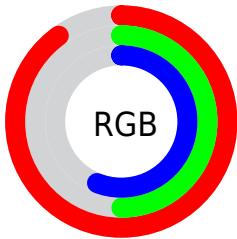
Format	Color
R _Y B	229, 128, 142
Decimal	15040654
CIE Lab	65.00, 40.30, 9.83
CIE LCh	65, 41.483, 13.702
Yxy	34.0494, 0.4130, 0.3131
Android (android.graphics.Color)	4293230734 (0xFFE5808E)
YUV	159.7950, -8.7729, 60.6928
Hunter-Lab	58.3519, 35.2758, 10.5810

Details

The Yxy color **34.0494, 0.4130, 0.3131** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.5369, 0.2601, 0.3466**, and the grayscale version is **35.0772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7014, 0.3640, 0.3146**, and **14.5995, 0.4465, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **28.1947, 0.4501, 0.3103**, and if you desaturate by 10%, it is **41.3604, 0.3817, 0.3166**.

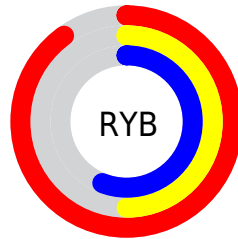
Distribution



Red (90%)

Green (50%)

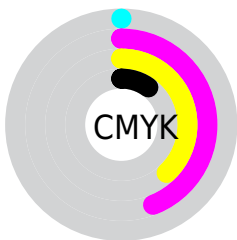
Blue (56%)



Red (90%)

Yellow (50%)

Blue (56%)

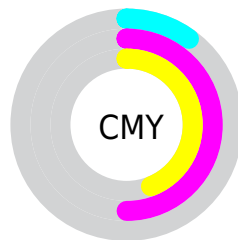


Cyan (0%)

Magenta (44%)

Yellow (38%)

Black (10%)



Cyan (10%)


Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0494, 0.4130, 0.3131 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 34.0494, 0.4130, 0.3131 by changing the saturation by 10% instead.


 34.0494, 0.4130,
0.3131


 34.0494, 0.4130,
0.3131


320.3523, 0.3599,
0.3227


 22.9316, 0.4272,
0.3101


 66.0105, 0.3930,
0.3170

 14.5430, 0.4460,
0.3059


 87.6225, 0.3857,
0.3184

 8.4993, 0.4718,
0.2996


 113.5014, 0.3796,
0.3194

 4.4160, 0.5094,
0.2894

144.0315, 0.3744,
0.3203

 1.9089, 0.5683,
0.2712

179.5972, 0.3700,
0.3211

 0.5537, 0.7546,
0.2454

220.5830, 0.3662,

 0.0000, 1.0000,

0.3217

0.0000

267.3732, 0.3628,
0.3223

0.0000, 0.0000,
0.0000

34.0494, 0.4130,
0.3131

34.0494, 0.4130,
0.3131

28.1947, 0.4501,
0.3103

41.3604, 0.3817,
0.3166

23.6937, 0.4921,
0.3087

50.2109, 0.3561,
0.3204

20.4390, 0.5362,
0.3092

60.6840, 0.3353,
0.3241

18.3041, 0.5776,
0.3123

72.8552, 0.3186,
0.3276

17.1359, 0.6102,
0.3177

86.7955, 0.3051,
0.3309

■ 16.7606, 0.6240,
0.3211

■ 95.3981, 0.2970,
0.3290

Harmonies

Analogous

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



34.0494, 0.3553, 0.2704



34.0494, 0.4130, 0.3131



34.0494, 0.4404, 0.3618

Triad

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



34.0494, 0.4130, 0.3131



34.0494, 0.3249, 0.4420



34.0494, 0.2059, 0.2398

Complementary

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



34.0494, 0.4130, 0.3131



65.5369, 0.2601, 0.3466

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.



34.0494, 0.1999, 0.2753



34.0494, 0.4130, 0.3131



34.0494, 0.2644, 0.4001

Square

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



34.0494, 0.4130, 0.3131



34.0494, 0.3853, 0.4416



34.0494, 0.2198, 0.3341



34.0494, 0.2368, 0.2292

Rectangle

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



34.0494, 0.4130, 0.3131



34.0494, 0.4367, 0.3939



34.0494, 0.2198, 0.3341



34.0494, 0.2011, 0.2488

Sweetspot

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



34.0511, 0.4130, 0.3131



78.9378, 0.3334, 0.3245



35.3718, 0.3035, 0.2166



16.2108, 0.3375, 0.3237



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.



34.0511, 0.4130, 0.3131



36.5076, 0.4470, 0.3104



44.5379, 0.4103, 0.3701



14.4003, 0.3271, 0.3258



9.5931, 0.6213, 0.3197



0.7193, 0.5873, 0.3009

Inverse Universe

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



34.0511, 0.4130, 0.3131



36.5076, 0.4470, 0.3104



48.6766, 0.2454, 0.2826



14.4003, 0.3271, 0.3258



9.5931, 0.6213, 0.3197



0.7193, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 34.0494, 0.4130, 0.3131 looks on a white background.

Color Contrast Check

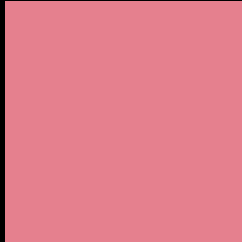
Large Text (above 18pt) WCAG AA × Fail

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 34.0494, 0.4130, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

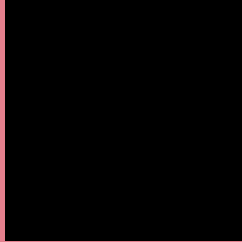
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0494, 0.4130, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 34.0494, 0.4130, 0.3131.



This preview shows how white text looks on a background with the Yxy color 34.0494, 0.4130, 0.3131.

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

34.0494, 0.4130, 0.3131

Protanopia

34.1596, 0.3157, 0.3275

Deuteranopia

34.1152, 0.3566, 0.3489



Tritanopia

34.1935, 0.4173, 0.3189

Trichromacy



Original Color

34.0494, 0.4130, 0.3131

Protanomaly

33.2639, 0.3491, 0.3208

Deuteranomaly

33.5148, 0.3770, 0.3345

Tritanomaly

34.2226, 0.4161, 0.3177

Monochromacy



Original Color

34.0494, 0.4130, 0.3131

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.7940, 0.3465, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0494, 0.4130, 0.3131 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(229, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(229, 128, 142)  
}
```

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(229, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 128, 142) }
```

Border

The CSS property to change the border of an element to Yxy 34.0494, 0.4130, 0.3131 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(229, 128, 142) }
```

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

```
.border{ border-color:rgb(229, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(229, 128,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0494, 0.4130, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 128, 142) }
```

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

```
.background{ background-color: rgb(229,  
128, 142) }
```

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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