

Converting Colors

Yxy(34.4720, 0.4194, 0.3179)

Have a look what the booklet for
Yxy(34.4720, 0.4194, 0.3179)
contains.

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Color

Yxy(34.5244, 0.4194, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	E7818A
RGB	231, 129, 138
RGB Percent	91%, 51%, 54%
CMY	0.0941, 0.4941, 0.4589
CMYK	0.00, 0.44, 0.40, 0.09
HSL	355°, 68%, 71%
HSV	355°, 44%, 91%
XYZ	45.3904, 34.5244, 28.3122
YIQ	160.5240, 57.9030, 24.4230

Conversions

Conversions Part 2

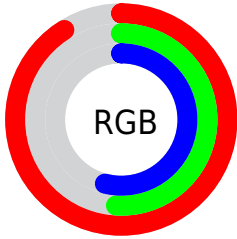
Format	Color
R_{YB}	231, 129, 138
Decimal	15171978
CIE _{Lab}	65.38, 40.06, 12.65
CIE _{LCh}	65, 42.010, 17.526
Yxy	34.5244, 0.4194, 0.3190
Android (android.graphics.Color)	4293362058 (0xFFE7818A)
YUV	160.5240, -11.1043, 61.8075
Hunter-Lab	58.7575, 35.0664, 12.5615

Details

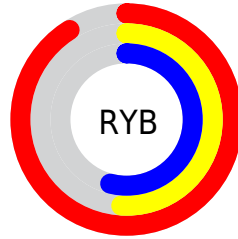
The Yxy color **34.5244, 0.4194, 0.3190** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0907, 0.2576, 0.3401**, and the grayscale version is **35.4419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8886, 0.3681, 0.3208**, and **14.7830, 0.4543, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **28.5604, 0.4589, 0.3173**, and if you desaturate by 10%, it is **41.9855, 0.3860, 0.3212**.

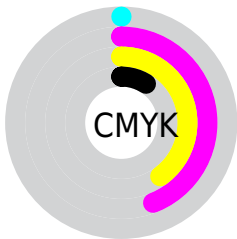
Distribution



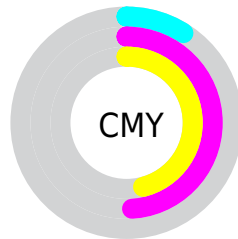
- Red (91%)
- Green (51%)
- Blue (54%)



- Red (91%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5244, 0.4194, 0.3190 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 34.5244, 0.4194, 0.3190 by changing the saturation by 10% instead.

 34.5244, 0.4194,
0.3190


 34.5244, 0.4194,
0.3190

322.4641, 0.3629,
0.3259


 23.2967, 0.4344,
0.3166


 66.7483, 0.3982,
0.3220

 14.8128, 0.4543,
0.3131


 88.5134, 0.3904,
0.3230

 8.6881, 0.4815,
0.3076


 114.5597, 0.3839,
0.3237

 4.5383, 0.5208,
0.2983

145.2717, 0.3784,
0.3243

 1.9790, 0.5815,
0.2809

181.0337, 0.3737,
0.3248

 0.5952, 0.7469,
0.2531

222.2302, 0.3696,

 0.0000, 1.0000,

0.3253

0.0000

269.2455, 0.3661,
0.3256

■ 0.0000, 0.0000,
0.0000

■ 34.5244, 0.4194,
0.3190

■ 34.5244, 0.4194,
0.3190

■ 28.5604, 0.4589,
0.3173

■ 41.9855, 0.3860,
0.3212

■ 23.9877, 0.5033,
0.3166

■ 51.0300, 0.3587,
0.3236

■ 20.6948, 0.5490,
0.3172


■ 61.7436, 0.3367,
0.3259

■ 18.5508, 0.5903,
0.3196

■ 74.2045, 0.3190,
0.3281

■ 17.3969, 0.6205,
0.3235

■ 88.4859, 0.3048,
0.3302

 17.0395, 0.6320,
0.3255

 95.7277, 0.2982,
0.3290

Harmonies

Analogous

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



34.5244, 0.3640, 0.2748



34.5244, 0.4194, 0.3190



34.5244, 0.4420, 0.3683

Triad

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



34.5244, 0.4194, 0.3190



34.5244, 0.3168, 0.4399



34.5244, 0.2078, 0.2365

Complementary

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



34.5244, 0.4194, 0.3190



67.0907, 0.2576, 0.3401

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.



34.5244, 0.1984, 0.2689



34.5244, 0.4194, 0.3190



34.5244, 0.2571, 0.3929

Square

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



34.5244, 0.4194, 0.3190



34.5244, 0.3786, 0.4448



34.5244, 0.2151, 0.3256



34.5244, 0.2419, 0.2288

Rectangle

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



34.5244, 0.4194, 0.3190



34.5244, 0.4350, 0.4001



34.5244, 0.2151, 0.3256



34.5244, 0.2018, 0.2444

Sweetspot

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



34.5261, 0.4194, 0.3190



78.8465, 0.3346, 0.3261



36.8128, 0.3082, 0.2181



16.1887, 0.3389, 0.3256



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.



34.5261, 0.4194, 0.3190



36.3159, 0.4553, 0.3174



47.2492, 0.4078, 0.3759



14.3885, 0.3279, 0.3270



9.5608, 0.6299, 0.3244



0.7136, 0.6051, 0.3107

Inverse Universe

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



34.5261, 0.4194, 0.3190



36.3159, 0.4553, 0.3174



47.3511, 0.2441, 0.2756



14.3885, 0.3279, 0.3270



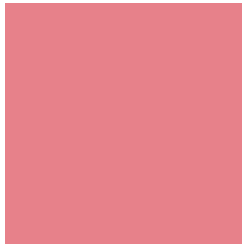
9.5608, 0.6299, 0.3244



0.7136, 0.6051, 0.3107

Previews

White Background



This preview shows how the Yxy color 34.5244, 0.4194, 0.3190 looks on a white background.

Color Contrast Check

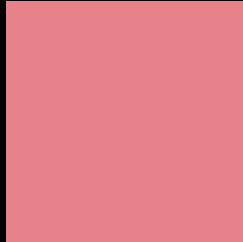
Large Text (above 18pt) WCAG AA × Fail

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 34.5244, 0.4194, 0.3190 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 34.5244, 0.4194, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 34.5244, 0.4194, 0.3190.



This preview shows how white text looks on a background with the Yxy color 34.5244, 0.4194, 0.3190.

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

34.5244, 0.4194, 0.3190

Protanopia

34.8827, 0.3220, 0.3378

Deuteranopia

34.5710, 0.3625, 0.3558



Tritanopia

34.5244, 0.4194, 0.3190

Trichromacy



Original Color

34.5244, 0.4194, 0.3190

Protanomaly

34.0093, 0.3549, 0.3291

Deuteranomaly

33.9751, 0.3832, 0.3411

Tritanomaly

34.5244, 0.4194, 0.3190

Monochromacy



Original Color

34.5244, 0.4194, 0.3190

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.2339, 0.3474, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5244, 0.4194, 0.3190 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(231, 129, 138)` looks like.

```
.text, #text, p{  
    color:rgb(231, 129, 138)  
}
```

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(231, 129, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 129, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.5244, 0.4194, 0.3190 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(231, 129, 138) }
```

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

```
.border{ border-color:rgb(231, 129, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 129, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 129, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 129, 138);  
box-shadow:4px 4px 4px 4px rgb(231, 129,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5244, 0.4194, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 129, 138) }
```

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

```
.background{ background-color: rgb(231,  
129, 138) }
```

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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