

Converting Colors

$Y_{xy}(34.5917, 0.4194, 0.3179)$

Have a look what the booklet for
Yxy(34.5917, 0.4194, 0.3179)
contains.

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Color

Yxy(34.7204, 0.4192, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	E8818B
RGB	232, 129, 139
RGB Percent	91%, 51%, 55%
CMY	0.0903, 0.4940, 0.4549
CMYK	0.00, 0.44, 0.40, 0.09
HSL	354°, 69%, 71%
HSV	354°, 44%, 91%
XYZ	45.7842, 34.7204, 28.7134
YIQ	160.9370, 58.1780, 24.9460

Conversions

Conversions Part 2

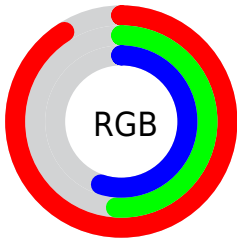
Format	Color
R _Y B	232, 129, 139
Decimal	15237515
CIE Lab	65.53, 40.52, 12.32
CIE LCh	66, 42.354, 16.904
Yxy	34.7204, 0.4192, 0.3179
Android (android.graphics.Color)	4293427595 (0xFFE8818B)
YUV	160.9370, -10.8149, 62.3223
Hunter-Lab	58.9240, 35.5781, 12.3551

Details

The Yxy color **34.7204, 0.4192, 0.3179** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.6447, 0.2578, 0.3413**, and the grayscale version is **35.6426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3468, 0.3670, 0.3208**, and **14.9133, 0.4539, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **28.7329, 0.4584, 0.3160**, and if you desaturate by 10%, it is **42.2159, 0.3860, 0.3203**.

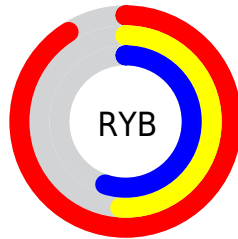
Distribution



Red (91%)

Green (51%)

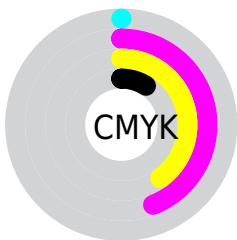
Blue (55%)



Red (91%)

Yellow (51%)

Blue (55%)

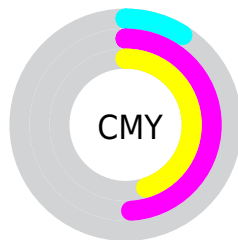


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (9%)



Cyan (9%)

Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7204, 0.4192, 0.3179 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 34.7204, 0.4192, 0.3179 by changing the saturation by 10% instead.


 34.7204, 0.4192,
0.3179


 34.7204, 0.4192,
0.3179


323.3325, 0.3629,
0.3253


 23.4476, 0.4342,
0.3154


 67.0524, 0.3980,
0.3211

 14.9243, 0.4539,
0.3117


 88.8804, 0.3903,
0.3221

 8.7663, 0.4809,
0.3061


 114.9955, 0.3838,
0.3229

 4.5891, 0.5200,
0.2966

145.7822, 0.3784,
0.3236

 2.0082, 0.5803,
0.2791

181.6248, 0.3737,
0.3242

 0.6122, 0.7464,
0.2536

222.9078, 0.3696,

 0.0000, 1.0000,

0.3246

0.0000


270.0156, 0.3660,
0.3250

 0.0000, 0.0000,
0.0000


 34.7204, 0.4192,
0.3179


 34.7204, 0.4192,
0.3179


 28.7329, 0.4584,
0.3160


 42.2159, 0.3860,
0.3203


 24.1464, 0.5025,
0.3152


 51.3064, 0.3588,
0.3229


 20.8482, 0.5480,
0.3159

 62.0788, 0.3369,
0.3255

 18.7058, 0.5891,
0.3185

 74.6118, 0.3193,
0.3280

 17.5580, 0.6195,
0.3227

 88.9794, 0.3052,
0.3303

■ 17.2123, 0.6309,
0.3249

■ 95.8925, 0.2987,
0.3290

Harmonies

Analogous

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



34.7204, 0.3630, 0.2737



34.7204, 0.4192, 0.3179



34.7204, 0.4428, 0.3674

Triad

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



34.7204, 0.4192, 0.3179



34.7204, 0.3181, 0.4413



34.7204, 0.2067, 0.2364

Complementary

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



34.7204, 0.4192, 0.3179



67.6447, 0.2578, 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.



34.7204, 0.1979, 0.2694



34.7204, 0.4192, 0.3179



34.7204, 0.2579, 0.3946

Square

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



34.7204, 0.4192, 0.3179



34.7204, 0.3801, 0.4451



34.7204, 0.2151, 0.3269



34.7204, 0.2405, 0.2282

Rectangle

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



34.7204, 0.4192, 0.3179



34.7204, 0.4362, 0.3995



34.7204, 0.2151, 0.3269



34.7204, 0.2010, 0.2445

Sweetspot

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



34.7222, 0.4192, 0.3179



78.8626, 0.3344, 0.3259



37.0105, 0.3082, 0.2175



16.1926, 0.3387, 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.



34.7222, 0.4192, 0.3179



36.3489, 0.4538, 0.3162



47.5639, 0.4085, 0.3762



14.3906, 0.3277, 0.3268



9.5656, 0.6286, 0.3237



0.7146, 0.6018, 0.3089

Inverse Universe

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



34.7222, 0.4192, 0.3179



36.3489, 0.4538, 0.3162



47.6663, 0.2437, 0.2752



14.3906, 0.3277, 0.3268



9.5656, 0.6286, 0.3237



0.7146, 0.6018, 0.3089

Previews

White Background



This preview shows how the Yxy color 34.7204, 0.4192, 0.3179 looks on a white background.

Color Contrast Check

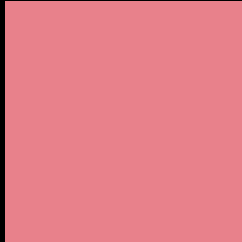
Large Text (above 18pt) WCAG AA × Fail

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 34.7204, 0.4192, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

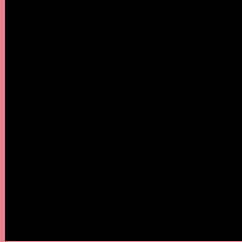
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7204, 0.4192, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 34.7204, 0.4192, 0.3179.



This preview shows how white text looks on a background with the Yxy color 34.7204, 0.4192, 0.3179.

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

34.7204, 0.4192, 0.3179

Protanopia

35.0553, 0.3212, 0.3349

Deuteranopia

35.0508, 0.3622, 0.3557



Tritanopia

34.7204, 0.4192, 0.3179

Trichromacy



Original Color

34.7204, 0.4192, 0.3179

Protanomaly

34.1686, 0.3549, 0.3278

Deuteranomaly

34.4459, 0.3827, 0.3410

Tritanomaly

34.7204, 0.4192, 0.3179

Monochromacy



Original Color

34.7204, 0.4192, 0.3179

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.3596, 0.3484, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7204, 0.4192, 0.3179 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(232, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(232, 129, 139)  
}
```

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(232, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 129, 139) }
```

Border

The CSS property to change the border of an element to Yxy 34.7204, 0.4192, 0.3179 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(232, 129, 139) }
```

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

```
.border{ border-color:rgb(232, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(232, 129,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7204, 0.4192, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 129, 139) }
```

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

```
.background{ background-color: rgb(232,  
129, 139) }
```

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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