

Converting Colors

$Yxy(36.6128, 0.4143, 0.3226)$

Have a look what the booklet for
Yxy(36.6128, 0.4143, 0.3226)
contains.

Yxy(36.5747, 0.4150, 0.3224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.5747, 0.4150, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	E9878D
RGB	233, 135, 141
RGB Percent	91%, 53%, 55%
CMY	0.0862, 0.4706, 0.4469
CMYK	0.00, 0.42, 0.39, 0.09
HSL	356°, 69%, 72%
HSV	356°, 42%, 91%
XYZ	47.0797, 36.5747, 29.7907
YIQ	164.9860, 56.4820, 22.6420

Conversions

Conversions Part 2

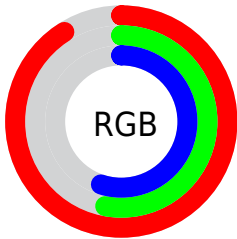
Format	Color
R _Y B	233, 135, 141
Decimal	15304589
CIE Lab	66.96, 38.04, 13.19
CIE LCh	67, 40.261, 19.124
Yxy	36.5747, 0.4150, 0.3224
Android (android.graphics.Color)	4293494669 (0xFFE9878D)
YUV	164.9860, -11.8251, 59.6483
Hunter-Lab	60.4770, 33.1226, 13.1280

Details

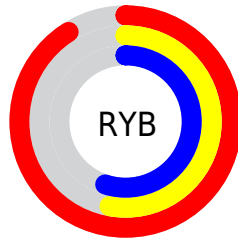
The Yxy color **36.5747, 0.4150, 0.3224** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9771, 0.2583, 0.3362**, and the grayscale version is **37.6591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0270, 0.3630, 0.3240**, and **15.9405, 0.4472, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **30.1826, 0.4545, 0.3212**, and if you desaturate by 10%, it is **44.5216, 0.3819, 0.3239**.

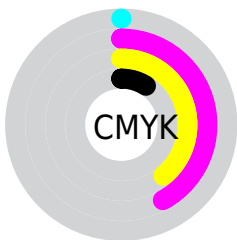
Distribution



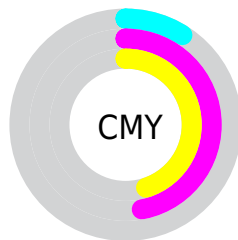
- Red (91%)
- Green (53%)
- Blue (55%)



- Red (91%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (42%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5747, 0.4150, 0.3224 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 36.5747, 0.4150, 0.3224 by changing the saturation by 10% instead.


 36.5747, 0.4150,
0.3224


 36.5747, 0.4150,
0.3224


331.4655, 0.3613,
0.3274


 24.8784, 0.4291,
0.3205


 69.9182, 0.3949,
0.3247

 15.9865, 0.4477,
0.3178


 92.3341, 0.3876,
0.3254

 9.5146, 0.4730,
0.3134


 119.0921, 0.3814,
0.3259

 5.0783, 0.5092,
0.3059

150.5764, 0.3762,
0.3264

 2.2933, 0.5647,
0.2916

187.1715, 0.3717,
0.3267

 0.7702, 0.7174,
0.2826

229.2618, 0.3678,

 0.0000, 1.0000,

0.3270

0.0000


277.2317, 0.3643,
0.3272

 0.0000, 0.0000,
0.0000


 36.5747, 0.4150,
0.3224


 36.5747, 0.4150,
0.3224


 30.1826, 0.4545,
0.3212

 44.5216, 0.3819,
0.3239


 25.2384, 0.4992,
0.3206

 54.1101, 0.3549,
0.3256


 21.6305, 0.5459,
0.3210

 65.4270, 0.3332,
0.3272

 19.2287, 0.5885,
0.3226

 78.5517, 0.3158,
0.3287

 17.8764, 0.6202,
0.3252

 93.5583, 0.3019,
0.3301

■ 17.3575, 0.6350,
0.3272

■ 96.0648, 0.2993,
0.3290

Harmonies

Analogous

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



36.5747, 0.3643, 0.2798



36.5747, 0.4150, 0.3224



36.5747, 0.4345, 0.3693

Triad

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



36.5747, 0.4150, 0.3224



36.5747, 0.3138, 0.4312



36.5747, 0.2145, 0.2406

Complementary

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



36.5747, 0.4150, 0.3224



68.9771, 0.2583, 0.3362

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.



36.5747, 0.2043, 0.2704



36.5747, 0.4150, 0.3224



36.5747, 0.2579, 0.3856

Square

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



36.5747, 0.4150, 0.3224



36.5747, 0.3725, 0.4386



36.5747, 0.2190, 0.3229



36.5747, 0.2482, 0.2343

Rectangle

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



36.5747, 0.4150, 0.3224



36.5747, 0.4269, 0.3991



36.5747, 0.2190, 0.3229



36.5747, 0.2084, 0.2479

Sweetspot

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



36.5765, 0.4150, 0.3224



78.7988, 0.3352, 0.3270



39.4565, 0.3116, 0.2240



16.1771, 0.3397, 0.3267



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.



36.5765, 0.4150, 0.3224



38.3274, 0.4469, 0.3214



50.7039, 0.4003, 0.3773



15.0691, 0.3283, 0.3276



9.8543, 0.6334, 0.3263



0.7791, 0.6161, 0.3168

Inverse Universe

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



36.5765, 0.4150, 0.3224



38.3274, 0.4469, 0.3214



48.0943, 0.2464, 0.2742



15.0691, 0.3283, 0.3276



9.8543, 0.6334, 0.3263



0.7791, 0.6161, 0.3168

Previews

White Background



This preview shows how the Yxy color 36.5747, 0.4150, 0.3224 looks on a white background.

Color Contrast Check

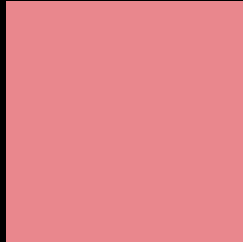
Large Text (above 18pt) WCAG AA × Fail

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 36.5747, 0.4150, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

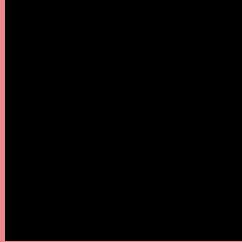
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5747, 0.4150, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 36.5747, 0.4150, 0.3224.



This preview shows how white text looks on a background with the Yxy color 36.5747, 0.4150, 0.3224.

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

36.5747, 0.4150, 0.3224

Protanopia

36.9195, 0.3237, 0.3391

Deuteranopia

36.6115, 0.3633, 0.3565



Tritanopia

36.3874, 0.4120, 0.3179

Trichromacy



Original Color

36.5747, 0.4150, 0.3224

Protanomaly

36.2233, 0.3546, 0.3318

Deuteranomaly

36.1672, 0.3821, 0.3434

Tritanomaly

36.3570, 0.4132, 0.3190

Monochromacy



Original Color

36.5747, 0.4150, 0.3224

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4587, 0.3473, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5747, 0.4150, 0.3224 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(233, 135, 141)` looks like.

```
.text, #text, p{  
    color:rgb(233, 135, 141)  
}
```

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(233, 135, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 135, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.5747, 0.4150, 0.3224 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(233, 135, 141) }
```

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

```
.border{ border-color:rgb(233, 135, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 135, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 135, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 135, 141);  
box-shadow:4px 4px 4px 4px rgb(233, 135,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5747, 0.4150, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 135, 141) }
```

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

```
.background{ background-color: rgb(233,  
135, 141) }
```

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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