

Converting Colors

Yxy(36.6179, 0.4218, 0.3198)

Have a look what the booklet for
Yxy(36.6179, 0.4218, 0.3198)
contains.

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Color

Yxy(36.6028, 0.4215, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	EE848D
RGB	238, 132, 141
RGB Percent	93%, 52%, 55%
CMY	0.0667, 0.4823, 0.4471
CMYK	0.00, 0.45, 0.41, 0.07
HSL	355°, 76%, 73%
HSV	355°, 45%, 93%
XYZ	48.3184, 36.6028, 29.7133
YIQ	164.7200, 60.2870, 25.2710

Conversions

Conversions Part 2

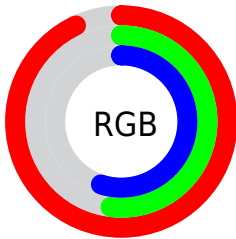
Format	Color
R _Y B	238, 132, 141
Decimal	15631501
CIE Lab	66.98, 41.39, 13.34
CIE LCh	67, 43.484, 17.865
Yxy	36.6028, 0.4215, 0.3193
Android (android.graphics.Color)	4293821581 (0xFFEE848D)
YUV	164.7200, -11.6940, 64.2666
Hunter-Lab	60.5002, 36.6834, 13.2313

Details

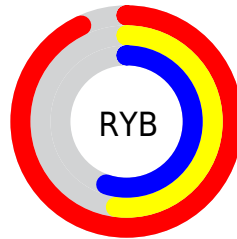
The Yxy color **36.6028, 0.4215, 0.3193** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.7139, 0.2570, 0.3398**, and the grayscale version is **37.5222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7408, 0.3637, 0.3208**, and **16.0764, 0.4561, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **30.2831, 0.4615, 0.3177**, and if you desaturate by 10%, it is **44.5259, 0.3877, 0.3214**.

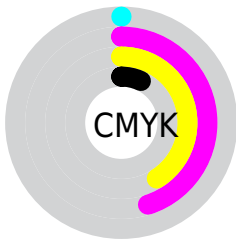
Distribution



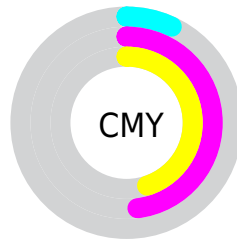
- Red (93%)
- Green (52%)
- Blue (55%)



- Red (93%)
- Yellow (52%)
- Blue (55%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (7%)





- Cyan (7%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6028, 0.4215, 0.3193 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 36.6028, 0.4215, 0.3193 by changing the saturation by 10% instead.


 36.6028, 0.4215,
0.3193


 36.6028, 0.4215,
0.3193


331.5877, 0.3644,
0.3261


 24.9001, 0.4365,
0.3169


 69.9615, 0.4002,
0.3222

 16.0026, 0.4561,
0.3135


 92.3862, 0.3924,
0.3232

 9.5260, 0.4828,
0.3082


 119.1538, 0.3858,
0.3239

 5.0858, 0.5210,
0.2993

150.6486, 0.3802,
0.3245

 2.2977, 0.5789,
0.2830

187.2550, 0.3755,
0.3250

 0.7725, 0.7316,
0.2684

229.3573, 0.3713,

 0.0000, 1.0000,

0.3254

0.0000

277.3401, 0.3677,
0.3258

0.0000, 0.0000,
0.0000

36.6028, 0.4215,
0.3193

36.6028, 0.4215,
0.3193

30.2831, 0.4615,
0.3177

44.5259, 0.3877,
0.3214

25.4523, 0.5063,
0.3171

54.1457, 0.3599,
0.3237

21.9898, 0.5521,
0.3178

65.5548, 0.3376,
0.3259


19.7535, 0.5929,
0.3202

78.8375, 0.3196,
0.3281

18.5700, 0.6223,
0.3240

94.0729, 0.3053,
0.3301

 18.2284, 0.6326,
0.3259

 96.9173, 0.3023,
0.3290

Harmonies

Analogous

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



36.6028, 0.3655, 0.2745



36.6028, 0.4215, 0.3193



36.6028, 0.4440, 0.3692

Triad

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



36.6028, 0.4215, 0.3193



36.6028, 0.3160, 0.4415



36.6028, 0.2066, 0.2350

Complementary

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



36.6028, 0.4215, 0.3193



71.7139, 0.2570, 0.3398

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.



36.6028, 0.1969, 0.2674



36.6028, 0.4215, 0.3193



36.6028, 0.2557, 0.3932

Square

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



36.6028, 0.4215, 0.3193



36.6028, 0.3788, 0.4466



36.6028, 0.2134, 0.3247



36.6028, 0.2414, 0.2276

Rectangle

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



36.6028, 0.4215, 0.3193



36.6028, 0.4364, 0.4015



36.6028, 0.2134, 0.3247



36.6028, 0.2005, 0.2429

Sweetspot

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



36.6046, 0.4215, 0.3193



78.8406, 0.3346, 0.3263



39.0739, 0.3082, 0.2170



16.1872, 0.3390, 0.3258



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.



36.6046, 0.4215, 0.3193



36.3038, 0.4558, 0.3179



50.2722, 0.4091, 0.3764



15.7806, 0.3280, 0.3270



10.1771, 0.6307, 0.3248



0.8541, 0.6089, 0.3128

Inverse Universe

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



36.6046, 0.4215, 0.3193



36.3038, 0.4558, 0.3179



50.3805, 0.2434, 0.2749



15.7806, 0.3280, 0.3270



10.1771, 0.6307, 0.3248



0.8541, 0.6089, 0.3128

Previews

White Background



This preview shows how the Yxy color 36.6028, 0.4215, 0.3193 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 36.6028, 0.4215, 0.3193 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 36.6028, 0.4215, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 36.6028, 0.4215, 0.3193.



This preview shows how white text looks on a background with the Yxy color 36.6028, 0.4215, 0.3193.

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

36.6028, 0.4215, 0.3193

Protanopia

36.9535, 0.3228, 0.3376

Deuteranopia

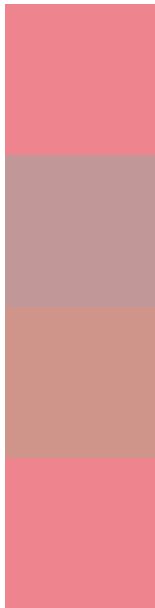
36.7389, 0.3644, 0.3564



Tritanopia

36.6327, 0.4203, 0.3182

Trichromacy



Original Color

36.6028, 0.4215, 0.3193

Protanomaly

36.0283, 0.3560, 0.3305

Deuteranomaly

36.2802, 0.3856, 0.3420

Tritanomaly

36.6327, 0.4203, 0.3182

Monochromacy



Original Color

36.6028, 0.4215, 0.3193

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.3892, 0.3496, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6028, 0.4215, 0.3193 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(238, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(238, 132, 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(238, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 132, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.6028, 0.4215, 0.3193 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(238, 132, 141) }
```

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

```
.border{ border-color:rgb(238, 132, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 132, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(238, 132,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6028, 0.4215, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 132, 141) }
```

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

```
.background{ background-color: rgb(238,  
132, 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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