

Converting Colors

$Y_{xy}(36.0936, 0.4294, 0.3227)$

Have a look what the booklet for
Yxy(36.0936, 0.4294, 0.3227)
contains.

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Color

Yxy(36.0936, 0.4294, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	EF8288
RGB	239, 130, 136
RGB Percent	94%, 51%, 53%
CMY	0.0627, 0.4902, 0.4667
CMYK	0.00, 0.46, 0.43, 0.06
HSL	357°, 77%, 72%
HSV	357°, 46%, 94%
XYZ	48.0279, 36.0936, 27.7273
YIQ	163.2750, 63.0380, 24.9740

Conversions

Conversions Part 2

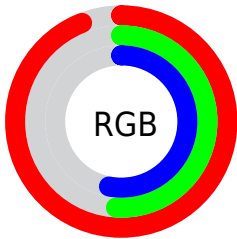
Format	Color
R_{YB}	239, 130, 136
Decimal	15696520
CIE Lab	66.59, 42.25, 15.63
CIE LCh	67, 45.050, 20.301
Yxy	36.0936, 0.4294, 0.3227
Android (android.graphics.Color)	4293886600 (0xFFEF8288)
YUV	163.2750, -13.4466, 66.4108
Hunter-Lab	60.0779, 37.5611, 14.6909

Details

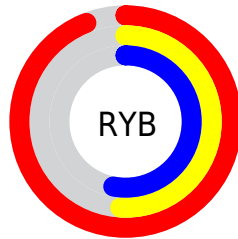
The Yxy color **36.0936, 0.4294, 0.3227** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.3735, 0.2544, 0.3361**, and the grayscale version is **36.8055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6320, 0.3694, 0.3250**, and **15.8240, 0.4675, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **29.8828, 0.4714, 0.3218**, and if you desaturate by 10%, it is **43.9199, 0.3937, 0.3240**.

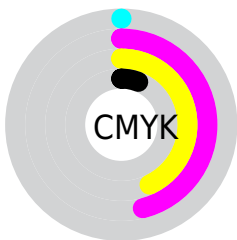
Distribution



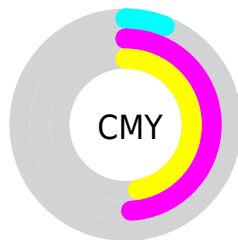
- Red (94%)
- Green (51%)
- Blue (53%)



- Red (94%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (43%)
- Black (6%)




- Cyan (6%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0936, 0.4294, 0.3227 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 36.0936, 0.4294, 0.3227 by changing the saturation by 10% instead.


 36.0936, 0.4294,
0.3227

 36.0936, 0.4294,
0.3227


329.3695, 0.3681,
0.3281

 24.5065, 0.4455,
0.3206


 69.1765, 0.4065,
0.3252

 15.7098, 0.4666,
0.3173


 91.4411, 0.3980,
0.3260

 9.3190, 0.4953,
0.3121


 118.0336, 0.3910,
0.3266

 4.9498, 0.5361,
0.3030

149.3385, 0.3850,
0.3270

 2.2179, 0.5975,
0.2856

185.7402, 0.3799,
0.3274

 0.7297, 0.7394,
0.2606

227.6229, 0.3754,

 0.0000, 1.0000,

0.3277


0.0000


275.3712, 0.3715,
0.3279


 0.0000, 0.0000,
0.0000

 36.0936, 0.4294,
0.3227

 36.0936, 0.4294,
0.3227


 29.8828, 0.4714,
0.3218

 43.9199, 0.3937,
0.3240


 25.1698, 0.5177,
0.3216


 53.4579, 0.3643,
0.3254


 21.8297, 0.5638,
0.3224


 64.8026, 0.3406,
0.3269

 19.7149, 0.6031,
0.3242

 78.0404, 0.3216,
0.3283

 18.6439, 0.6289,
0.3269

 93.2525, 0.3065,
0.3296

 18.3835, 0.6358,
0.3276

 97.0940, 0.3029,
0.3290

Harmonies

Analogous

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



36.0936, 0.3731, 0.2759



36.0936, 0.4294, 0.3227



36.0936, 0.4492, 0.3743

Triad

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



36.0936, 0.4294, 0.3227



36.0936, 0.3104, 0.4440



36.0936, 0.2049, 0.2299

Complementary

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



36.0936, 0.4294, 0.3227



72.3735, 0.2544, 0.3361

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.



36.0936, 0.1927, 0.2610



36.0936, 0.4294, 0.3227



36.0936, 0.2488, 0.3904

Square

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



36.0936, 0.4294, 0.3227



36.0936, 0.3760, 0.4526



36.0936, 0.2073, 0.3186



36.0936, 0.2427, 0.2245

Rectangle

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



36.0936, 0.4294, 0.3227



36.0936, 0.4390, 0.4075



36.0936, 0.2073, 0.3186



36.0936, 0.1979, 0.2373

Sweetspot

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



36.0954, 0.4294, 0.3227



77.3144, 0.3373, 0.3271



39.3111, 0.3113, 0.2156



15.8845, 0.3419, 0.3268



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.



36.0954, 0.4294, 0.3227



34.8815, 0.4695, 0.3218



51.5042, 0.4102, 0.3814



15.7729, 0.3285, 0.3277



10.1632, 0.6343, 0.3268



0.8504, 0.6194, 0.3186

Inverse Universe

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



36.0954, 0.4294, 0.3227



34.8815, 0.4695, 0.3218



48.5791, 0.2409, 0.2685



15.7729, 0.3285, 0.3277



10.1632, 0.6343, 0.3268



0.8504, 0.6194, 0.3186

Previews

White Background



This preview shows how the Yxy color 36.0936, 0.4294, 0.3227 looks on a white background.

Color Contrast Check

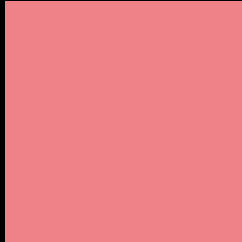
Large Text (above 18pt) WCAG AA × Fail

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 36.0936, 0.4294, 0.3227 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 36.0936, 0.4294, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 36.0936, 0.4294, 0.3227.



This preview shows how white text looks on a background with the Yxy color 36.0936, 0.4294, 0.3227.

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

36.0936, 0.4294, 0.3227

Protanopia

36.4325, 0.3275, 0.3435

Deuteranopia

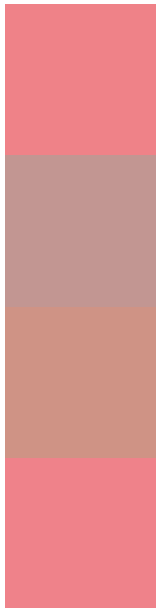
36.2617, 0.3697, 0.3620



Tritanopia

36.1801, 0.4258, 0.3194

Trichromacy



Original Color

36.0936, 0.4294, 0.3227

Protanomaly

35.3573, 0.3628, 0.3345

Deuteranomaly

35.8263, 0.3915, 0.3471

Tritanomaly

36.1510, 0.4270, 0.3205

Monochromacy



Original Color

36.0936, 0.4294, 0.3227

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5095, 0.3521, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0936, 0.4294, 0.3227 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(239, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(239, 130, 136)  
}
```

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(239, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 130, 136) }
```

Border

The CSS property to change the border of an element to Yxy 36.0936, 0.4294, 0.3227 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(239, 130, 136) }
```

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

```
.border{ border-color:rgb(239, 130, 136) }
```

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

Here you see how a box with a 4 pixel rgb(239, 130, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(239, 130,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0936, 0.4294, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 130, 136) }
```

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

```
.background{ background-color: rgb(239,  
130, 136) }
```

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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