

Converting Colors

$Y_{xy}(36.1418, 0.4382, 0.3327)$

Have a look what the booklet for
Yxy(36.1418, 0.4382, 0.3327)
contains.

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Color

Yxy(36.1418, 0.4382, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	EF8380
RGB	239, 131, 128
RGB Percent	94%, 51%, 50%
CMY	0.0628, 0.4862, 0.4981
CMYK	0.00, 0.45, 0.46, 0.06
HSL	2°, 78%, 72%
HSV	2°, 46%, 94%
XYZ	47.6025, 36.1418, 24.8875
YIQ	162.9500, 65.3310, 21.9630

Conversions

Conversions Part 2

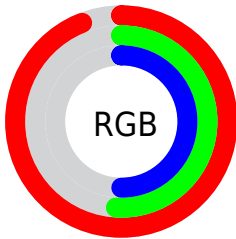
Format	Color
R_{YB}	239, 131, 128
Decimal	15696768
CIE _{Lab}	66.63, 40.91, 20.18
CIE _{LCh}	67, 45.619, 26.252
Yxy	36.1418, 0.4382, 0.3327
Android (android.graphics.Color)	4293886848 (0xFFEF8380)
YUV	162.9500, -17.2304, 66.6958
Hunter-Lab	60.1181, 36.1326, 17.5379

Details

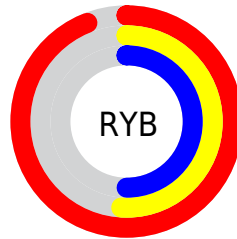
The Yxy color **36.1418, 0.4382, 0.3327** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.7793, 0.2502, 0.3252**, and the grayscale version is **36.6630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7140, 0.3760, 0.3344**, and **15.7402, 0.4772, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **30.0262, 0.4821, 0.3333**, and if you desaturate by 10%, it is **43.8099, 0.4004, 0.3319**.

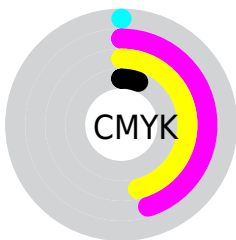
Distribution



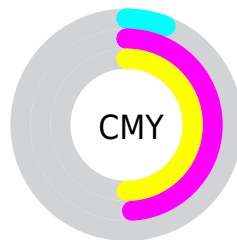
- Red (94%)
- Green (51%)
- Blue (50%)



- Red (94%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (46%)
- Black (6%)





- Cyan (6%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1418, 0.4382, 0.3327 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 36.1418, 0.4382, 0.3327 by changing the saturation by 10% instead.

 36.1418, 0.4382,
0.3327


 36.1418, 0.4382,
0.3327


329.5799, 0.3722,
0.3335


 24.5437, 0.4555,
0.3315


 69.2509, 0.4136,
0.3337

 15.7374, 0.4779,
0.3293


 91.5307, 0.4045,
0.3339

 9.3386, 0.5083,
0.3252


 118.1398, 0.3970,
0.3339

 4.9627, 0.5510,
0.3172

149.4627, 0.3905,
0.3339

 2.2254, 0.6175,
0.3020

185.8838, 0.3850,
0.3339

 0.7338, 0.7333,
0.2667

227.7874, 0.3802,

 0.0000, 1.0000,

0.3338

0.0000

275.5580, 0.3760,
0.3337

■ 0.0000, 0.0000,
0.0000

■ 36.1418, 0.4382,
0.3327

■ 36.1418, 0.4382,
0.3327

■ 30.0262, 0.4821,
0.3333

■ 43.8099, 0.4004,
0.3319

■ 25.3521, 0.5296,
0.3335

■ 53.1206, 0.3691,
0.3311

■ 22.0030, 0.5755,
0.3333

■ 64.1633, 0.3439,
0.3302

■ 19.8416, 0.6123,
0.3324

■ 77.0199, 0.3236,
0.3295

■ 18.7008, 0.6340,
0.3312

■ 91.7666, 0.3073,
0.3288

■ 18.4877, 0.6386,
0.3311

■ 97.0862, 0.3029,
0.3290

Harmonies

Analogous

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



36.1418, 0.3871, 0.2839



36.1418, 0.4382, 0.3327



36.1418, 0.4496, 0.3849

Triad

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



36.1418, 0.4382, 0.3327



36.1418, 0.2970, 0.4380



36.1418, 0.2093, 0.2258

Complementary

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



36.1418, 0.4382, 0.3327



70.7793, 0.2502, 0.3252

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.



36.1418, 0.1917, 0.2517



36.1418, 0.4382, 0.3327



36.1418, 0.2377, 0.3770

Square

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



36.1418, 0.4382, 0.3327



36.1418, 0.3640, 0.4562



36.1418, 0.2010, 0.3050



36.1418, 0.2524, 0.2250

Rectangle

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



36.1418, 0.4382, 0.3327



36.1418, 0.4340, 0.4174



36.1418, 0.2010, 0.3050



36.1418, 0.2005, 0.2315

Sweetspot

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



36.1437, 0.4382, 0.3327



77.7206, 0.3386, 0.3301



39.9052, 0.3197, 0.2177



15.9816, 0.3434, 0.3302



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.



36.1437, 0.4382, 0.3327



34.9472, 0.4810, 0.3333



54.7427, 0.4075, 0.3920



15.8279, 0.3293, 0.3297



10.2498, 0.6381, 0.3316



0.8769, 0.6329, 0.3357

Inverse Universe

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



70.7793, 0.2502, 0.3252



79.7372, 0.2411, 0.3243



44.1261, 0.2374, 0.2547



17.8506, 0.2981, 0.3283



35.5204, 0.2223, 0.3204



2.9782, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 36.1418, 0.4382, 0.3327 looks on a white background.

Color Contrast Check

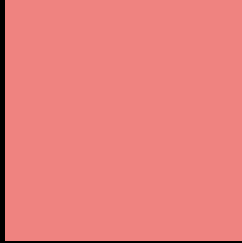
Large Text (above 18pt) WCAG AA × Fail

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 36.1418, 0.4382, 0.3327 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 36.1418, 0.4382, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 36.1418, 0.4382, 0.3327.



This preview shows how white text looks on a background with the Yxy color 36.1418, 0.4382, 0.3327.

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

36.1418, 0.4382, 0.3327

Protanopia

36.3699, 0.3377, 0.3565

Deuteranopia

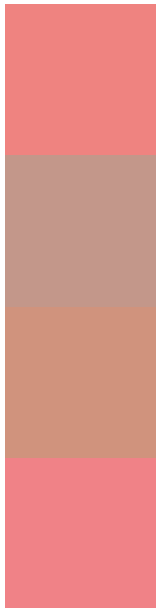
36.3085, 0.3798, 0.3726



Tritanopia

36.0899, 0.4273, 0.3183

Trichromacy



Original Color

36.1418, 0.4382, 0.3327

Protanomaly

35.5703, 0.3718, 0.3466

Deuteranomaly

35.7580, 0.4011, 0.3572

Tritanomaly

36.2398, 0.4315, 0.3239

Monochromacy



Original Color

36.1418, 0.4382, 0.3327

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4116, 0.3552, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1418, 0.4382, 0.3327 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, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(239, 131, 128)  
}
```

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, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 131, 128) }
```

Border

The CSS property to change the border of an element to Yxy 36.1418, 0.4382, 0.3327 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, 131, 128) }
```

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

```
.border{ border-color:rgb(239, 131, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 131, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(239, 131,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1418, 0.4382, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 131, 128) }
```

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

```
.background{ background-color: rgb(239,  
131, 128) }
```

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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