

Converting Colors

Yxy(36.5064, 0.4230, 0.3182)

Have a look what the booklet for
Yxy(36.5064, 0.4230, 0.3182)
contains.

Yxy(36.5064, 0.4230, 0.3182)	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(36.5064, 0.4230, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	EF838D
RGB	239, 131, 141
RGB Percent	94%, 51%, 55%
CMY	0.0626, 0.4863, 0.4470
CMYK	0.00, 0.45, 0.41, 0.06
HSL	354°, 77%, 73%
HSV	354°, 45%, 94%
XYZ	48.5299, 36.5064, 29.6916
YIQ	164.4320, 61.1580, 26.0060

Conversions

Conversions Part 2

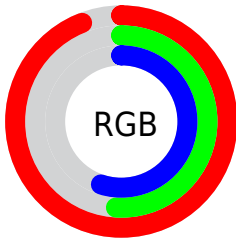
Format	Color
R _{YB}	239, 131, 141
Decimal	15696781
CIE Lab	66.91, 42.28, 13.25
CIE LCh	67, 44.309, 17.394
Yxy	36.5064, 0.4230, 0.3182
Android (android.graphics.Color)	4293886861 (0xFFEF838D)
YUV	164.4320, -11.5520, 65.3961
Hunter-Lab	60.4205, 37.6356, 13.1584

Details

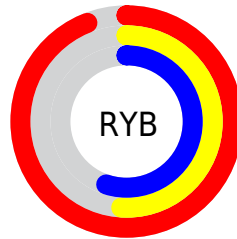
The Yxy color **36.5064, 0.4230, 0.3182** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.2348, 0.2567, 0.3410**, and the grayscale version is **37.3753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3179, 0.3640, 0.3198**, and **16.0506, 0.4581, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **30.2285, 0.4630, 0.3165**, and if you desaturate by 10%, it is **44.3952, 0.3891, 0.3205**.

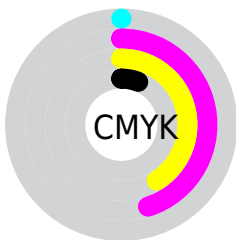
Distribution



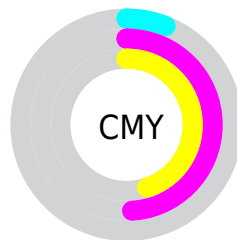
- Red (94%)
- Green (51%)
- Blue (55%)



- Red (94%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (6%)




- Cyan (6%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5064, 0.4230, 0.3182 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 36.5064, 0.4230, 0.3182 by changing the saturation by 10% instead.


 36.5064, 0.4230,
0.3182


 36.5064, 0.4230,
0.3182


331.1685, 0.3651,
0.3256


 24.8256, 0.4382,
0.3157


 69.8130, 0.4014,
0.3214

 15.9471, 0.4581,
0.3120


 92.2075, 0.3934,
0.3224

 9.4867, 0.4852,
0.3064


 118.9420, 0.3868,
0.3232

 5.0600, 0.5238,
0.2972

150.4009, 0.3812,
0.3239

 2.2825, 0.5825,
0.2801

186.9686, 0.3763,
0.3244

 0.7644, 0.7361,
0.2639

229.0296, 0.3721,

 0.0000, 1.0000,

0.3249

0.0000

276.9681, 0.3684,
0.3252

0.0000, 0.0000,
0.0000

36.5064, 0.4230,
0.3182

36.5064, 0.4230,
0.3182

30.2285, 0.4630,
0.3165

44.3952, 0.3891,
0.3205

25.4453, 0.5077,
0.3158

53.9896, 0.3612,
0.3230

22.0340, 0.5532,
0.3167


65.3835, 0.3387,
0.3255

19.8495, 0.5936,
0.3194

78.6624, 0.3206,
0.3278

18.7144, 0.6224,
0.3236

93.9063, 0.3062,
0.3300

 18.4154, 0.6316,
0.3253

 97.0967, 0.3030,
0.3290

Harmonies

Analogous

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



36.5064, 0.3654, 0.2729



36.5064, 0.4230, 0.3182



36.5064, 0.4465, 0.3688

Triad

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



36.5064, 0.4230, 0.3182



36.5064, 0.3170, 0.4444



36.5064, 0.2045, 0.2336

Complementary

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



36.5064, 0.4230, 0.3182



72.2348, 0.2567, 0.3410

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.



36.5064, 0.1950, 0.2668



36.5064, 0.4230, 0.3182



36.5064, 0.2553, 0.3956

Square

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



36.5064, 0.4230, 0.3182



36.5064, 0.3808, 0.4487



36.5064, 0.2121, 0.3255



36.5064, 0.2393, 0.2258

Rectangle

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



36.5064, 0.4230, 0.3182



36.5064, 0.4391, 0.4018



36.5064, 0.2121, 0.3255



36.5064, 0.1984, 0.2417

Sweetspot

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



36.5082, 0.4230, 0.3182



77.3866, 0.3364, 0.3257



38.9937, 0.3080, 0.2154



15.9018, 0.3407, 0.3252



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.



36.5082, 0.4230, 0.3182



35.6664, 0.4587, 0.3166



50.3459, 0.4110, 0.3771



15.7827, 0.3279, 0.3268



10.1816, 0.6295, 0.3242



0.8550, 0.6062, 0.3113

Inverse Universe

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



36.5082, 0.4230, 0.3182



35.6664, 0.4587, 0.3166



50.4540, 0.2424, 0.2740



15.7827, 0.3279, 0.3268



10.1816, 0.6295, 0.3242



0.8550, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 36.5064, 0.4230, 0.3182 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 36.5064, 0.4230, 0.3182 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 36.5064, 0.4230, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 36.5064, 0.4230, 0.3182.



This preview shows how white text looks on a background with the Yxy color 36.5064, 0.4230, 0.3182.

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

36.5064, 0.4230, 0.3182

Protanopia

36.8785, 0.3209, 0.3362

Deuteranopia

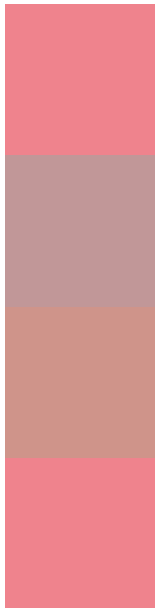
36.6115, 0.3633, 0.3565



Tritanopia

36.5064, 0.4230, 0.3182

Trichromacy



Original Color

36.5064, 0.4230, 0.3182

Protanomaly

35.7377, 0.3552, 0.3278

Deuteranomaly

36.2802, 0.3856, 0.3420

Tritanomaly

36.5064, 0.4230, 0.3182

Monochromacy



Original Color

36.5064, 0.4230, 0.3182

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9331, 0.3488, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5064, 0.4230, 0.3182 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(239, 131, 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(239, 131, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 131, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.5064, 0.4230, 0.3182 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, 141) }
```

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

```
.border{ border-color:rgb(239, 131, 141) }
```

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, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 131, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 131, 141);  
box-shadow:4px 4px 4px 4px rgb(239, 131,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5064, 0.4230, 0.3182 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, 141) }
```

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

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