

Converting Colors

$Y_{xy}(36.4859, 0.3560, 0.2603)$

Have a look what the booklet for
Yxy(36.4859, 0.3560, 0.2603)
contains.

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Color

Yxy(36.5498, 0.3566, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	E682BF
RGB	230, 130, 191
RGB Percent	90%, 51%, 75%
CMY	0.0981, 0.4901, 0.2511
CMYK	0.00, 0.43, 0.17, 0.10
HSL	323°, 67%, 71%
HSV	323°, 43%, 90%
XYZ	50.0140, 36.5498, 53.6887
YIQ	166.8540, 40.0190, 40.1710

Conversions

Conversions Part 2

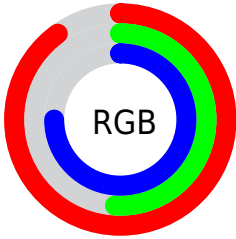
Format	Color
R _Y B	230, 130, 191
Decimal	15106751
CIE Lab	66.94, 46.17, -15.01
CIE LCh	67, 48.552, 341.994
Yxy	36.5498, 0.3566, 0.2606
Android (android.graphics.Color)	4293296831 (0xFFE682BF)
YUV	166.8540, 11.9040, 55.3790
Hunter-Lab	60.4564, 41.8697, -10.3333

Details

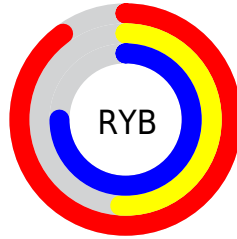
The Yxy color **36.5498, 0.3566, 0.2606** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.2015, 0.2855, 0.4103**, and the grayscale version is **38.4966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6733, 0.3219, 0.2676**, and **15.9134, 0.3675, 0.2411** is the 20% darker color. If you saturate the color by 10%, you get **30.7176, 0.3713, 0.2462**, and if you desaturate by 10%, it is **43.7769, 0.3437, 0.2764**.

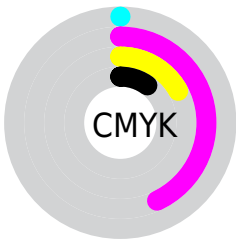
Distribution



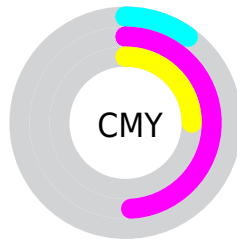
- Red (90%)
- Green (51%)
- Blue (75%)



- Red (90%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (10%)




- Cyan (10%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5498, 0.3566, 0.2606 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 36.5498, 0.3566, 0.2606 by changing the saturation by 10% instead.


 36.5498, 0.3566,
0.2606


 36.5498, 0.3566,
0.2606


331.3573, 0.3348,
0.2941

 24.8591, 0.3620,
0.2525


 69.8798, 0.3487,
0.2726

 15.9721, 0.3689,
0.2422


 92.2880, 0.3457,
0.2772

 9.5044, 0.3780,
0.2288


 119.0374, 0.3432,
0.2810

 5.0716, 0.3905,
0.2106

150.5124, 0.3411,
0.2844

 2.2894, 0.4087,
0.1848

187.0976, 0.3392,
0.2873

 0.7681, 0.4379,
0.1450

229.1772, 0.3375,

 0.0000, 0.5420,

0.2899

0.0000

277.1356, 0.3361,
0.2921

0.0000, 0.0000,
0.0000

36.5498, 0.3566,
0.2606

36.5498, 0.3566,
0.2606

30.7176, 0.3713,
0.2462

43.7769, 0.3437,
0.2764

26.1826, 0.3876,
0.2341

52.4779, 0.3326,
0.2925

22.8426, 0.4050,
0.2256


62.7319, 0.3231,
0.3085


20.5774, 0.4231,
0.2218


74.6107, 0.3152,
0.3239


19.2413, 0.4409,
0.2233

88.1818, 0.3085,
0.3384

 18.7211, 0.4523,
0.2265

 94.9237, 0.3032,
0.3392

 95.4849, 0.2982,
0.3301

 95.5613, 0.2976,
0.3290

Harmonies

Analogous

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



36.5498, 0.2822, 0.2287



36.5498, 0.3566, 0.2606



36.5498, 0.4244, 0.3071

Triad

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



36.5498, 0.3566, 0.2606



36.5498, 0.3971, 0.4552



36.5498, 0.1865, 0.2701

Complementary

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



36.5498, 0.3566, 0.2606



64.2015, 0.2855, 0.4103

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.



36.5498, 0.2097, 0.3383



36.5498, 0.3566, 0.2606



36.5498, 0.3292, 0.4610

Square

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



36.5498, 0.3566, 0.2606



36.5498, 0.4456, 0.4144



36.5498, 0.2606, 0.4152



36.5498, 0.1918, 0.2295

Rectangle

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



36.5498, 0.3566, 0.2606



36.5498, 0.4516, 0.3426



36.5498, 0.2606, 0.4152



36.5498, 0.1910, 0.2901

Sweetspot

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



36.5515, 0.3566, 0.2606



79.8373, 0.3228, 0.3091



30.0450, 0.2615, 0.2042



16.4316, 0.3247, 0.3056



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.



36.5515, 0.3566, 0.2606



39.6007, 0.3695, 0.2478



34.7349, 0.4135, 0.3158



14.5149, 0.3197, 0.3148



10.6245, 0.4497, 0.2251



0.8032, 0.4258, 0.2120

Inverse Universe

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



36.5515, 0.3566, 0.2606



39.6007, 0.3695, 0.2478



66.4144, 0.2596, 0.3435



14.5149, 0.3197, 0.3148



10.6245, 0.4497, 0.2251



0.8032, 0.4258, 0.2120

Previews

White Background



This preview shows how the Yxy color 36.5498, 0.3566, 0.2606 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 36.5498, 0.3566, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

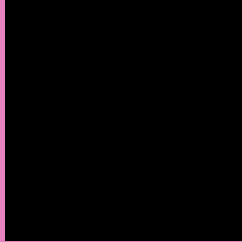
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5498, 0.3566, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 36.5498, 0.3566, 0.2606.



This preview shows how white text looks on a background with the Yxy color 36.5498, 0.3566, 0.2606.

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

36.5498, 0.3566, 0.2606

Protanopia

36.7779, 0.2626, 0.2586

Deuteranopia

36.6663, 0.2978, 0.2918



Tritanopia

36.3544, 0.3963, 0.3162

Trichromacy



Original Color

36.5498, 0.3566, 0.2606



Protanomaly

35.8042, 0.2918, 0.2579



Deuteranomaly

35.8870, 0.3181, 0.2774



Tritanomaly

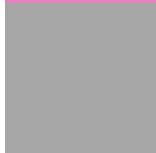
36.3392, 0.3823, 0.2953

Monochromacy



Original Color

36.5498, 0.3566, 0.2606



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

37.1929, 0.3278, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5498, 0.3566, 0.2606 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(230, 130, 191)` looks like.

```
.text, #text, p{  
    color:rgb(230, 130, 191)  
}
```

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(230, 130, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 130, 191) }
```

Border

The CSS property to change the border of an element to Yxy 36.5498, 0.3566, 0.2606 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(230, 130, 191) }
```

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

```
.border{ border-color:rgb(230, 130, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 130, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 130, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 130, 191);  
box-shadow:4px 4px 4px 4px rgb(230, 130,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5498, 0.3566, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 130, 191) }
```

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

```
.background{ background-color: rgb(230,  
130, 191) }
```

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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