

Converting Colors

$Y_{xy}(36.0586, 0.3625, 0.2485)$

Have a look what the booklet for
Yxy(36.0586, 0.3625, 0.2485)
contains.

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Color

Yxy(36.1855, 0.3628, 0.2490)

Conversions

Conversions Part 1

Format	Color
Hex	F079C4
RGB	240, 121, 196
RGB Percent	94%, 47%, 77%
CMY	0.0590, 0.5253, 0.2315
CMYK	0.00, 0.50, 0.18, 0.06
HSL	322°, 80%, 71%
HSV	322°, 50%, 94%
XYZ	52.7233, 36.1855, 56.4145
YIQ	165.1310, 46.8490, 48.5530

Conversions

Conversions Part 2

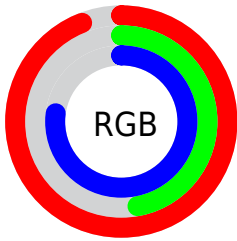
Format	Color
R _Y B	240, 121, 196
Decimal	15759812
CIE Lab	66.66, 54.53, -18.12
CIE LCh	67, 57.457, 341.622
Yxy	36.1855, 0.3628, 0.2490
Android (android.graphics.Color)	4293949892 (0xFFFF079C4)
YUV	165.1310, 15.2184, 65.6601
Hunter-Lab	60.1544, 51.1791, -13.4958

Details

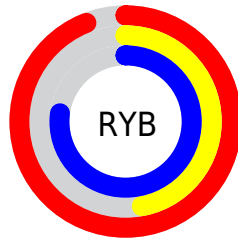
The Yxy color **36.1855, 0.3628, 0.2490** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **69.0812, 0.2839, 0.4279**, and the grayscale version is **37.6057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7961, 0.3178, 0.2544**, and **15.6732, 0.3762, 0.2278** is the 20% darker color. If you saturate the color by 10%, you get **30.6680, 0.3776, 0.2355**, and if you desaturate by 10%, it is **43.1808, 0.3495, 0.2645**.

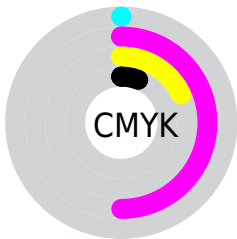
Distribution



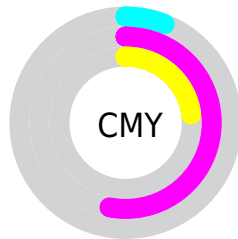
- Red (94%)
- Green (47%)
- Blue (77%)



- Red (94%)
- Yellow (47%)
- Blue (77%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1855, 0.3628, 0.2490 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 36.1855, 0.3628, 0.2490 by changing the saturation by 10% instead.


 36.1855, 0.3628,
0.2490


 36.1855, 0.3628,
0.2490


329.7706, 0.3381,
0.2878

 24.5775, 0.3688,
0.2397


 69.3183, 0.3539,
0.2628

 15.7626, 0.3764,
0.2281


 91.6119, 0.3506,
0.2680

 9.3563, 0.3864,
0.2131


 118.2361, 0.3477,
0.2725

 4.9743, 0.4000,
0.1931

149.5753, 0.3453,
0.2764

 2.2322, 0.4194,
0.1652

186.0140, 0.3431,
0.2798

 0.7375, 0.4496,
0.1237

227.9365, 0.3413,


 0.0000, 0.5333,


0.2828


0.0000


275.7273, 0.3396,
0.2854


 0.0000, 0.0000,
0.0000

 36.1855, 0.3628,
0.2490


 36.1855, 0.3628,
0.2490


 30.6680, 0.3776,
0.2355


 43.1808, 0.3495,
0.2645


 26.5130, 0.3936,
0.2251


 51.7474, 0.3379,
0.2811


 23.5968, 0.4104,
0.2190


 61.9771, 0.3280,
0.2978

 21.7704, 0.4272,
0.2180


 73.9531, 0.3195,
0.3141

 20.7949, 0.4435,
0.2219

 87.7532, 0.3124,
0.3297

 20.7590, 0.4443,
0.2221

 96.8917, 0.3068,
0.3346

 97.2580, 0.3035,
0.3290

Harmonies

Analogous

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



36.1855, 0.2750, 0.2132



36.1855, 0.3628, 0.2490



36.1855, 0.4445, 0.3012

Triad

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



36.1855, 0.3628, 0.2490



36.1855, 0.4095, 0.4757



36.1855, 0.1673, 0.2587

Complementary

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



36.1855, 0.3628, 0.2490



69.0812, 0.2839, 0.4279

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.



36.1855, 0.1928, 0.3397



36.1855, 0.3628, 0.2490



36.1855, 0.3304, 0.4883

Square

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



36.1855, 0.3628, 0.2490



36.1855, 0.4675, 0.4239



36.1855, 0.2509, 0.4345



36.1855, 0.1733, 0.2132

Rectangle

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



36.1855, 0.3628, 0.2490



36.1855, 0.4768, 0.3410



36.1855, 0.2509, 0.4345



36.1855, 0.1721, 0.2820

Sweetspot

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



36.1872, 0.3628, 0.2490



77.0990, 0.3240, 0.3052



27.9350, 0.2505, 0.1841



15.8944, 0.3258, 0.3017



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.



36.1872, 0.3628, 0.2490



35.4116, 0.3770, 0.2359



34.0061, 0.4338, 0.3120



15.9265, 0.3195, 0.3142



11.3948, 0.4417, 0.2207



0.9671, 0.4216, 0.2096

Inverse Universe

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



36.1872, 0.3628, 0.2490



35.4116, 0.3770, 0.2359



71.7511, 0.2550, 0.3484



15.9265, 0.3195, 0.3142



11.3948, 0.4417, 0.2207



0.9671, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 36.1855, 0.3628, 0.2490 looks on a white background.

Color Contrast Check

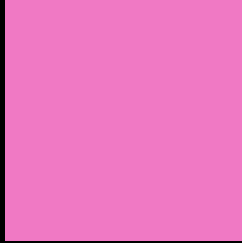
Large Text (above 18pt) WCAG AA × Fail

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 36.1855, 0.3628, 0.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

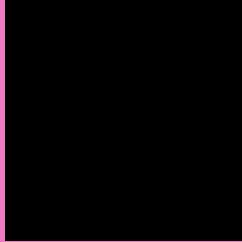
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1855, 0.3628, 0.2490

Background



This preview shows how black text looks on a background with the Yxy color 36.1855, 0.3628, 0.2490.



This preview shows how white text looks on a background with the Yxy color 36.1855, 0.3628, 0.2490.

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

36.1855, 0.3628, 0.2490

Protanopia

36.4527, 0.2509, 0.2437

Deuteranopia

36.5133, 0.2918, 0.2863



Tritanopia

35.9479, 0.4163, 0.3179

Trichromacy



Original Color

36.1855, 0.3628, 0.2490



Protanomaly

34.9965, 0.2843, 0.2427



Deuteranomaly

35.2630, 0.3155, 0.2689



Tritanomaly

35.8798, 0.3962, 0.2911

Monochromacy



Original Color

36.1855, 0.3628, 0.2490



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

35.8359, 0.3304, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1855, 0.3628, 0.2490 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(240, 121, 196)` looks like.

```
.text, #text, p{  
    color:rgb(240, 121, 196)  
}
```

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(240, 121, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 121, 196) }
```

Border

The CSS property to change the border of an element to Yxy 36.1855, 0.3628, 0.2490 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(240, 121, 196) }
```

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

```
.border{ border-color:rgb(240, 121, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 121, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 121, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 121, 196);  
box-shadow:4px 4px 4px 4px rgb(240, 121,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1855, 0.3628, 0.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 121, 196) }
```

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

```
.background{ background-color: rgb(240,  
121, 196) }
```

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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