

Converting Colors

$Yxy(36.0476, 0.3806, 0.2605)$

Have a look what the booklet for
Yxy(36.0476, 0.3806, 0.2605)
contains.

Yxy(36.1267, 0.3808, 0.2611)	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(36.1267, 0.3808, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	F478B8
RGB	244, 120, 184
RGB Percent	96%, 47%, 72%
CMY	0.0430, 0.5295, 0.2784
CMYK	0.00, 0.51, 0.25, 0.04
HSL	329°, 85%, 71%
HSV	329°, 51%, 96%
XYZ	52.6888, 36.1267, 49.5480
YIQ	164.3720, 53.3600, 46.1920

Conversions

Conversions Part 2

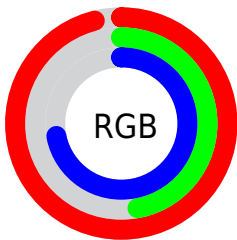
Format	Color
R_{YB}	244, 120, 184
Decimal	16021688
CIE _{Lab}	66.62, 54.63, -11.39
CIE _{LCh}	67, 55.805, 348.222
Yxy	36.1267, 0.3808, 0.2611
Android (android.graphics.Color)	4294211768 (0xFFFF478B8)
YUV	164.3720, 9.6766, 69.8338
Hunter-Lab	60.1055, 51.2895, -6.8019

Details

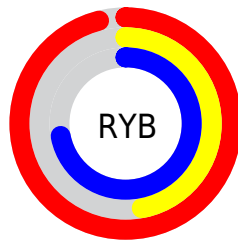
The Yxy color **36.1267, 0.3808, 0.2611** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72.0157, 0.2764, 0.4118**, and the grayscale version is **37.2430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6019, 0.3280, 0.2651**, and **15.7336, 0.4007, 0.2425** is the 20% darker color. If you saturate the color by 10%, you get **30.5145, 0.4015, 0.2503**, and if you desaturate by 10%, it is **43.2792, 0.3626, 0.2739**.

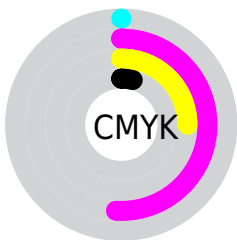
Distribution



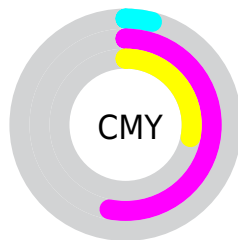
- Red (96%)
- Green (47%)
- Blue (72%)



- Red (96%)
- Yellow (47%)
- Blue (72%)



- Cyan (0%)
- Magenta (51%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1267, 0.3808, 0.2611 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 36.1267, 0.3808, 0.2611 by changing the saturation by 10% instead.


 36.1267, 0.3808,
0.2611


 36.1267, 0.3808,
0.2611


329.5140, 0.3463,
0.2946


 24.5321, 0.3895,
0.2529


 69.2276, 0.3682,
0.2732

 15.7288, 0.4007,
0.2425


 91.5026, 0.3635,
0.2777

 9.3324, 0.4157,
0.2289


 118.1066, 0.3595,
0.2816

 4.9586, 0.4367,
0.2104

149.4238, 0.3561,
0.2849

 2.2230, 0.4679,
0.1839

185.8388, 0.3532,
0.2878

 0.7325, 0.5197,
0.1422

227.7359, 0.3506,


 0.0000, 0.7171,


0.2904


0.0000

275.4995, 0.3483,
0.2926


 0.0000, 0.0000,
0.0000


 36.1267, 0.3808,
0.2611


 36.1267, 0.3808,
0.2611

 30.5145, 0.4015,
0.2503


 43.2792, 0.3626,
0.2739


 26.3202, 0.4241,
0.2428

 52.0714, 0.3469,
0.2876


 23.4116, 0.4479,
0.2399

 62.6007, 0.3337,
0.3015

 21.6284, 0.4717,
0.2422

 74.9551, 0.3226,
0.3151

 20.7466, 0.4927,
0.2488

 89.2166, 0.3134,
0.3280

97.9724, 0.3061,
0.3291

97.9813, 0.3060,
0.3290

Harmonies

Analogous

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



36.1267, 0.2938, 0.2219



36.1267, 0.3808, 0.2611



36.1267, 0.4537, 0.3148

Triad

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



36.1267, 0.3808, 0.2611



36.1267, 0.3917, 0.4792



36.1267, 0.1693, 0.2480

Complementary

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



36.1267, 0.3808, 0.2611



72.0157, 0.2764, 0.4118

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.



36.1267, 0.1875, 0.3199



36.1267, 0.3808, 0.2611



36.1267, 0.3126, 0.4775

Square

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



36.1267, 0.3808, 0.2611



36.1267, 0.4542, 0.4348



36.1267, 0.2379, 0.4124



36.1267, 0.1817, 0.2107

Rectangle

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



36.1267, 0.3808, 0.2611



36.1267, 0.4775, 0.3546



36.1267, 0.2379, 0.4124



36.1267, 0.1719, 0.2682

Sweetspot

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



36.1285, 0.3808, 0.2611



76.8417, 0.3270, 0.3094



29.6568, 0.2605, 0.1846



15.8324, 0.3293, 0.3066



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.



36.1285, 0.3808, 0.2611



33.5536, 0.4021, 0.2501



34.0735, 0.4567, 0.3272



16.6253, 0.3212, 0.3168



11.3038, 0.4892, 0.2469



1.0143, 0.4623, 0.2321

Inverse Universe

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



36.1285, 0.3808, 0.2611



33.5536, 0.4021, 0.2501



75.1295, 0.2475, 0.3313



16.6253, 0.3212, 0.3168



11.3038, 0.4892, 0.2469



1.0143, 0.4623, 0.2321

Previews

White Background



This preview shows how the Yxy color 36.1267, 0.3808, 0.2611 looks on a white background.

Color Contrast Check

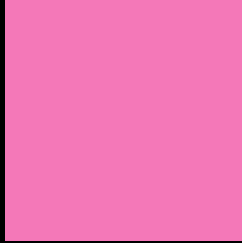
Large Text (above 18pt) WCAG AA × Fail

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 36.1267, 0.3808, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

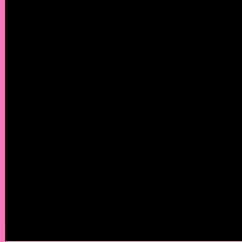
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1267, 0.3808, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 36.1267, 0.3808, 0.2611.



This preview shows how white text looks on a background with the Yxy color 36.1267, 0.3808, 0.2611.

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

36.1267, 0.3808, 0.2611

Protanopia

36.6328, 0.2625, 0.2597

Deuteranopia

36.3260, 0.3074, 0.3013



Tritanopia

36.0899, 0.4273, 0.3183

Trichromacy



Original Color

36.1267, 0.3808, 0.2611



Protanomaly

35.0124, 0.2989, 0.2570



Deuteranomaly

35.2476, 0.3332, 0.2830



Tritanomaly

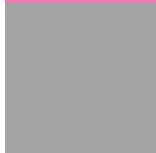
35.9890, 0.4104, 0.2975

Monochromacy



Original Color

36.1267, 0.3808, 0.2611



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

35.4575, 0.3365, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1267, 0.3808, 0.2611 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(244, 120, 184)` looks like.

```
.text, #text, p{  
    color:rgb(244, 120, 184)  
}
```

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(244, 120, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 120, 184) }
```

Border

The CSS property to change the border of an element to Yxy 36.1267, 0.3808, 0.2611 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(244, 120, 184) }
```

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

```
.border{ border-color:rgb(244, 120, 184) }
```

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

Here you see how a box with a 4 pixel rgb(244, 120, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 120, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 120, 184);  
box-shadow:4px 4px 4px 4px rgb(244, 120,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1267, 0.3808, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 120, 184) }
```

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

```
.background{ background-color: rgb(244,  
120, 184) }
```

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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