

Converting Colors

$Yxy(36.0630, 0.3561, 0.2662)$

Have a look what the booklet for
Yxy(36.0630, 0.3561, 0.2662)
contains.

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Color

Yxy(36.0979, 0.3554, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	E184BB
RGB	225, 132, 187
RGB Percent	88%, 52%, 73%
CMY	0.1178, 0.4823, 0.2666
CMYK	0.00, 0.41, 0.17, 0.12
HSL	325°, 61%, 70%
HSV	325°, 41%, 88%
XYZ	48.2663, 36.0979, 51.4443
YIQ	166.0770, 37.7730, 36.8210

Conversions

Conversions Part 2

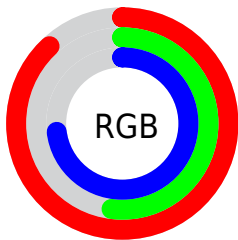
Format	Color
RYB	225, 132, 187
Decimal	14779579
CIELab	66.59, 42.90, -13.37
CIELCh	67, 44.930, 342.692
Yxy	36.0979, 0.3554, 0.2658
Android (android.graphics.Color)	4292969659 (0xFFE184BB)
YUV	166.0770, 10.3150, 51.6755
Hunter-Lab	60.0815, 38.2548, -8.7095

Details

The Yxy color **36.0979, 0.3554, 0.2658** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.6434, 0.2857, 0.4030**, and the grayscale version is **38.1099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2717, 0.3248, 0.2733**, and **15.7834, 0.3674, 0.2487** is the 20% darker color. If you saturate the color by 10%, you get **30.2597, 0.3704, 0.2514**, and if you desaturate by 10%, it is **43.2802, 0.3423, 0.2813**.

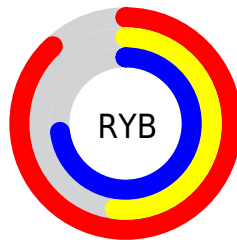
Distribution



Red (88%)

Green (52%)

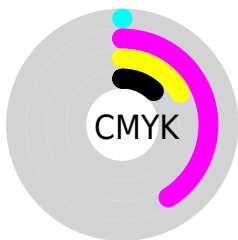
Blue (73%)



Red (88%)

Yellow (52%)

Blue (73%)

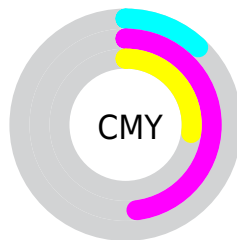


Cyan (0%)

Magenta (41%)

Yellow (17%)

Black (12%)



Cyan (12%)


Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0979, 0.3554, 0.2658 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 36.0979, 0.3554, 0.2658 by changing the saturation by 10% instead.


 36.0979, 0.3554,
0.2658


 36.0979, 0.3554,
0.2658


329.3882, 0.3340,
0.2970

 24.5098, 0.3607,
0.2582


 69.1831, 0.3476,
0.2770

 15.7122, 0.3676,
0.2484


 91.4491, 0.3447,
0.2813

 9.3208, 0.3767,
0.2357


 118.0431, 0.3422,
0.2849

 4.9510, 0.3894,
0.2182

149.3496, 0.3401,
0.2880

 2.2185, 0.4082,
0.1931

185.7530, 0.3383,
0.2907

 0.7301, 0.4393,
0.1528

227.6376, 0.3367,

 0.0000, 0.5679,

0.2931

0.0000

275.3879, 0.3353,
0.2952

 0.0000, 0.0000,
0.0000


 36.0979, 0.3554,
0.2658


 36.0979, 0.3554,
0.2658

 30.2597, 0.3704,
0.2514


 43.2802, 0.3423,
0.2813


 25.6747, 0.3872,
0.2391


 51.8798, 0.3311,
0.2970


 22.2486, 0.4055,
0.2301


 61.9704, 0.3216,
0.3124

 19.8717, 0.4245,
0.2256

 73.6194, 0.3137,
0.3271

 18.4123, 0.4435,
0.2262

 86.8899, 0.3070,
0.3410

 17.6991, 0.4596,
0.2306

 93.9418, 0.3016,
0.3420

 94.5083, 0.2966,
0.3326

 94.7428, 0.2946,
0.3289

Harmonies

Analogous

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



36.0979, 0.2860, 0.2352



36.0979, 0.3554, 0.2658



36.0979, 0.4176, 0.3101

Triad

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



36.0979, 0.3554, 0.2658



36.0979, 0.3909, 0.4475



36.0979, 0.1940, 0.2734

Complementary

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



36.0979, 0.3554, 0.2658



61.6434, 0.2857, 0.4030

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.



36.0979, 0.2156, 0.3365



36.0979, 0.3554, 0.2658



36.0979, 0.3273, 0.4504

Square

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



36.0979, 0.3554, 0.2658



36.0979, 0.4363, 0.4110



36.0979, 0.2632, 0.4070



36.0979, 0.1996, 0.2355

Rectangle

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



36.0979, 0.3554, 0.2658



36.0979, 0.4424, 0.3438



36.0979, 0.2632, 0.4070



36.0979, 0.1982, 0.2920

Sweetspot

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



36.0996, 0.3554, 0.2658



81.2277, 0.3223, 0.3112



30.4003, 0.2661, 0.2115



16.9882, 0.3234, 0.3092



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.



36.0996, 0.3554, 0.2658



40.8768, 0.3689, 0.2527



34.4437, 0.4078, 0.3183



13.8360, 0.3200, 0.3152



10.2257, 0.4569, 0.2291



0.7264, 0.4303, 0.2144

Inverse Universe

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



36.0996, 0.3554, 0.2658



40.8768, 0.3689, 0.2527



63.6830, 0.2610, 0.3407



13.8360, 0.3200, 0.3152



10.2257, 0.4569, 0.2291



0.7264, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 36.0979, 0.3554, 0.2658 looks on a white background.

Color Contrast Check

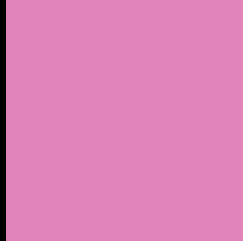
Large Text (above 18pt) WCAG AA × Fail

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 36.0979, 0.3554, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

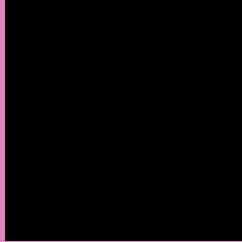
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0979, 0.3554, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 36.0979, 0.3554, 0.2658.



This preview shows how white text looks on a background with the Yxy color 36.0979, 0.3554, 0.2658.

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

36.0979, 0.3554, 0.2658

Protanopia

36.5740, 0.2674, 0.2660

Deuteranopia

36.2661, 0.3021, 0.2958



Tritanopia

36.0394, 0.3906, 0.3160

Trichromacy



Original Color

36.0979, 0.3554, 0.2658



Protanomaly

35.4478, 0.2950, 0.2635



Deuteranomaly

35.7744, 0.3198, 0.2833



Tritanomaly

35.7823, 0.3780, 0.2970

Monochromacy



Original Color

36.0979, 0.3554, 0.2658



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.7320, 0.3268, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0979, 0.3554, 0.2658 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(225, 132, 187)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 187)  
}
```

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(225, 132, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 187) }
```

Border

The CSS property to change the border of an element to Yxy 36.0979, 0.3554, 0.2658 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(225, 132, 187) }
```

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

```
.border{ border-color:rgb(225, 132, 187) }
```

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

Here you see how a box with a 4 pixel rgb(225, 132, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 187);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0979, 0.3554, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 187) }
```

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

```
.background{ background-color: rgb(225,  
132, 187) }
```

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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