

Converting Colors

Yxy(36.1174, 0.3547, 0.2648)

Have a look what the booklet for
Yxy(36.1174, 0.3547, 0.2648)
contains.

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Color

Yxy(36.1409, 0.3544, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	E184BC
RGB	225, 132, 188
RGB Percent	88%, 52%, 74%
CMY	0.1175, 0.4824, 0.2627
CMYK	0.00, 0.41, 0.16, 0.12
HSL	324°, 61%, 70%
HSV	324°, 41%, 88%
XYZ	48.3881, 36.1409, 52.0063
YIQ	166.1910, 37.4520, 37.1320

Conversions

Conversions Part 2

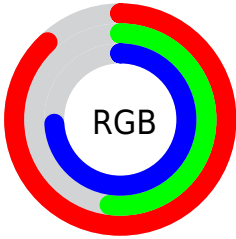
Format	Color
R _Y B	225, 132, 188
Decimal	14779580
CIE Lab	66.63, 43.09, -13.88
CIE LCh	67, 45.269, 342.150
Yxy	36.1409, 0.3544, 0.2647
Android (android.graphics.Color)	4292969660 (0xFFE184BC)
YUV	166.1910, 10.7518, 51.5755
Hunter-Lab	60.1173, 38.4685, -9.2085

Details

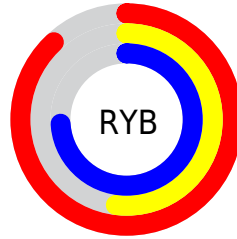
The Yxy color $36.1409, 0.3544, 0.2647$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $61.6384, 0.2862, 0.4045$, and the grayscale version is $38.1642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.3323, 0.3240, 0.2724$, and $15.8114, 0.3658, 0.2473$ is the 20% darker color. If you saturate the color by 10%, you get $30.3101, 0.3690, 0.2501$, and if you desaturate by 10%, it is $43.3152, 0.3416, 0.2804$.

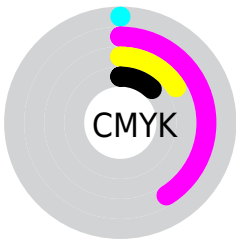
Distribution



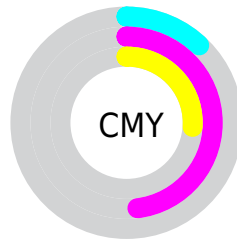
- Red (88%)
- Green (52%)
- Blue (74%)



- Red (88%)
- Yellow (52%)
- Blue (74%)



- Cyan (0%)
- Magenta (41%)
- Yellow (16%)
- Black (12%)




- Cyan (12%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1409, 0.3544, 0.2647 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 36.1409, 0.3544, 0.2647 by changing the saturation by 10% instead.

 36.1409, 0.3544,
0.2647


 36.1409, 0.3544,
0.2647


329.5760, 0.3336,
0.2964


 24.5430, 0.3596,
0.2569


 69.2495, 0.3468,
0.2761

 15.7369, 0.3662,
0.2471


 91.5290, 0.3440,
0.2804

 9.3382, 0.3750,
0.2342


 118.1378, 0.3416,
0.2841

 4.9624, 0.3873,
0.2166

149.4604, 0.3395,
0.2872

 2.2252, 0.4053,
0.1912

185.8811, 0.3377,
0.2900

 0.7337, 0.4349,
0.1509

227.7844, 0.3362,

 0.0000, 0.5529,

0.2924

0.0000

275.5545, 0.3348,
0.2945

0.0000, 0.0000,
0.0000

36.1409, 0.3544,
0.2647

36.1409, 0.3544,
0.2647

30.3101, 0.3690,
0.2501

43.3152, 0.3416,
0.2804

25.7319, 0.3853,
0.2376

51.9062, 0.3307,
0.2964

22.3119, 0.4030,
0.2284

61.9878, 0.3214,
0.3121

19.9401, 0.4214,
0.2236

73.6272, 0.3137,
0.3270

18.4851, 0.4397,
0.2241

86.8876, 0.3072,
0.3411

■ 17.7762, 0.4553,
0.2282

■ 93.9281, 0.3019,
0.3424

■ 94.4787, 0.2970,
0.3333

■ 94.7531, 0.2946,
0.3289

Harmonies

Analogous

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



36.1409, 0.2846, 0.2343



36.1409, 0.3544, 0.2647



36.1409, 0.4175, 0.3091

Triad

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



36.1409, 0.3544, 0.2647



36.1409, 0.3924, 0.4478



36.1409, 0.1935, 0.2739

Complementary

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



36.1409, 0.3544, 0.2647



61.6384, 0.2862, 0.4045

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.



36.1409, 0.2156, 0.3378



36.1409, 0.3544, 0.2647



36.1409, 0.3286, 0.4517

Square

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



36.1409, 0.3544, 0.2647



36.1409, 0.4377, 0.4106



36.1409, 0.2639, 0.4088



36.1409, 0.1985, 0.2353

Rectangle

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



36.1409, 0.3544, 0.2647



36.1409, 0.4429, 0.3429



36.1409, 0.2639, 0.4088



36.1409, 0.1978, 0.2928

Sweetspot

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



36.1426, 0.3544, 0.2647



81.2470, 0.3221, 0.3109



30.2233, 0.2647, 0.2110



16.9927, 0.3232, 0.3089



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.



36.1426, 0.3544, 0.2647



40.9406, 0.3675, 0.2515



34.4898, 0.4060, 0.3164



13.8384, 0.3198, 0.3150



10.2635, 0.4526, 0.2267



0.7289, 0.4269, 0.2125

Inverse Universe

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



36.1426, 0.3544, 0.2647



40.9406, 0.3675, 0.2515



63.6376, 0.2617, 0.3427



13.8384, 0.3198, 0.3150



10.2635, 0.4526, 0.2267



0.7289, 0.4269, 0.2125

Previews

White Background



This preview shows how the Yxy color 36.1409, 0.3544, 0.2647 looks on a white background.

Color Contrast Check

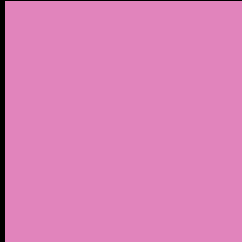
Large Text (above 18pt) WCAG AA × Fail

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 36.1409, 0.3544, 0.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

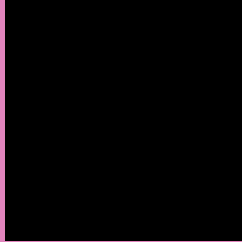
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1409, 0.3544, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 36.1409, 0.3544, 0.2647.



This preview shows how white text looks on a background with the Yxy color 36.1409, 0.3544, 0.2647.

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

36.1409, 0.3544, 0.2647

Protanopia

36.6231, 0.2667, 0.2648

Deuteranopia

36.1974, 0.3003, 0.2944



Tritanopia

36.0394, 0.3906, 0.3160

Trichromacy



Original Color

36.1409, 0.3544, 0.2647



Protanomaly

35.4947, 0.2942, 0.2623



Deuteranomaly

35.8165, 0.3189, 0.2821



Tritanomaly

35.8183, 0.3769, 0.2958

Monochromacy



Original Color

36.1409, 0.3544, 0.2647



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 36.1409, 0.3544, 0.2647 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 188) }
```

Border

The CSS property to change the border of an element to Yxy 36.1409, 0.3544, 0.2647 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, 188) }
```

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

```
.border{ border-color:rgb(225, 132, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 188);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1409, 0.3544, 0.2647 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, 188) }
```

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

```
.background{ background-color: rgb(225,  
132, 188) }
```

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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