

Converting Colors

$Yxy(36.5465, 0.3448, 0.2552)$

Have a look what the booklet for
Yxy(36.5465, 0.3448, 0.2552)
contains.

Yxy(36.5413, 0.3448, 0.2552)	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(36.5413, 0.3448, 0.2552)

Conversions

Conversions Part 1

Format	Color
Hex	E184C5
RGB	225, 132, 197
RGB Percent	88%, 52%, 77%
CMY	0.1178, 0.4822, 0.2274
CMYK	0.00, 0.41, 0.12, 0.12
HSL	318°, 61%, 70%
HSV	318°, 41%, 88%
XYZ	49.3708, 36.5413, 57.2748
YIQ	167.2170, 34.5630, 39.9310

Conversions

Conversions Part 2

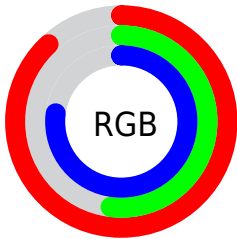
Format	Color
RYB	225, 132, 197
Decimal	14779589
CIELab	66.93, 44.46, -18.46
CIELCh	67, 48.145, 337.451
Yxy	36.5413, 0.3448, 0.2552
Android (android.graphics.Color)	4292969669 (0xFFE184C5)
YUV	167.2170, 14.6830, 50.6757
Hunter-Lab	60.4494, 39.9999, -13.8617

Details

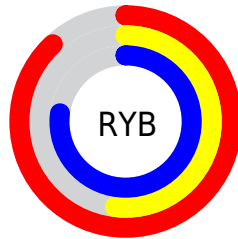
The Yxy color **36.5413, 0.3448, 0.2552** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.2735, 0.2913, 0.4172**, and the grayscale version is **38.6715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9564, 0.3166, 0.2633**, and **15.9000, 0.3536, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **30.7805, 0.3556, 0.2385**, and if you desaturate by 10%, it is **43.6348, 0.3352, 0.2731**.

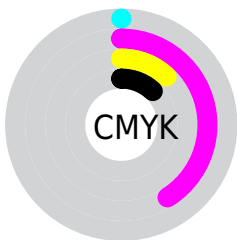
Distribution



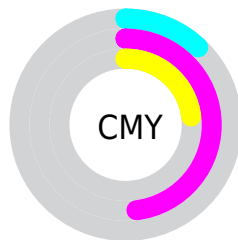
- Red (88%)
- Green (52%)
- Blue (77%)



- Red (88%)
- Yellow (52%)
- Blue (77%)



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





- Cyan (12%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5413, 0.3448, 0.2552 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 36.5413, 0.3448, 0.2552 by changing the saturation by 10% instead.


 36.5413, 0.3448,
0.2552

 36.5413, 0.3448,
0.2552


331.3203, 0.3293,
0.2911


 24.8525, 0.3485,
0.2466


 69.8667, 0.3393,
0.2680

 15.9672, 0.3532,
0.2357


 92.2722, 0.3372,
0.2729

 9.5010, 0.3592,
0.2215


 119.0187, 0.3354,
0.2771

 5.0694, 0.3673,
0.2025

150.4906, 0.3338,
0.2807

 2.2880, 0.3786,
0.1759

187.0723, 0.3324,
0.2838

 0.7674, 0.3953,
0.1356

229.1483, 0.3313,


 0.0000, 0.4530,


0.2865


0.0000


277.1028, 0.3302,
0.2890


 0.0000, 0.0000,
0.0000


 36.5413, 0.3448,
0.2552


 36.5413, 0.3448,
0.2552


 30.7805, 0.3556,
0.2385


 43.6348, 0.3352,
0.2731

 26.2619, 0.3674,
0.2242


 52.1339, 0.3268,
0.2914

 22.8915, 0.3799,
0.2131


 62.1122, 0.3196,
0.3094


 20.5598, 0.3928,
0.2065

 73.6366, 0.3134,
0.3268


 19.1357, 0.4056,
0.2047

 86.7700, 0.3083,
0.3432

 18.4448, 0.4164,
0.2067

 93.6709, 0.3041,
0.3467

 94.0754, 0.3004,
0.3397

 94.4949, 0.2967,
0.3328

 94.7408, 0.2946,
0.3289

Harmonies

Analogous

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



36.5413, 0.2723, 0.2263



36.5413, 0.3448, 0.2552



36.5413, 0.4149, 0.2997

Triad

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



36.5413, 0.3448, 0.2552



36.5413, 0.4055, 0.4498



36.5413, 0.1891, 0.2793

Complementary

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



36.5413, 0.3448, 0.2552



61.2735, 0.2913, 0.4172

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.



36.5413, 0.2165, 0.3501



36.5413, 0.3448, 0.2552



36.5413, 0.3399, 0.4621

Square

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



36.5413, 0.3448, 0.2552



36.5413, 0.4491, 0.4062



36.5413, 0.2707, 0.4242



36.5413, 0.1901, 0.2345

Rectangle

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



36.5413, 0.3448, 0.2552



36.5413, 0.4460, 0.3344



36.5413, 0.2707, 0.4242



36.5413, 0.1950, 0.3005

Sweetspot

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



36.5430, 0.3448, 0.2552



81.4278, 0.3201, 0.3081



29.4090, 0.2581, 0.2090



17.0354, 0.3210, 0.3057



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.



36.5430, 0.3448, 0.2552



41.5594, 0.3545, 0.2401



34.7336, 0.3968, 0.3073



13.8617, 0.3184, 0.3127



10.6547, 0.4145, 0.2057



0.7541, 0.3966, 0.1959

Inverse Universe

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



36.5430, 0.3448, 0.2552



41.5594, 0.3545, 0.2401



63.2103, 0.2658, 0.3528



13.8617, 0.3184, 0.3127



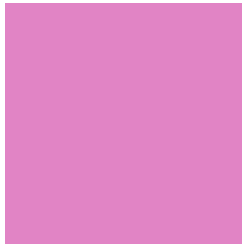
10.6547, 0.4145, 0.2057



0.7541, 0.3966, 0.1959

Previews

White Background



This preview shows how the Yxy color 36.5413, 0.3448, 0.2552 looks on a white background.

Color Contrast Check

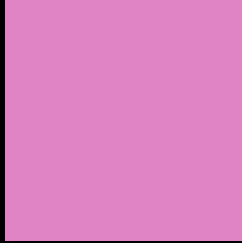
Large Text (above 18pt) WCAG AA × Fail

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 36.5413, 0.3448, 0.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

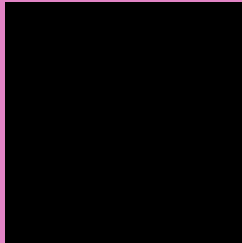
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5413, 0.3448, 0.2552

Background



This preview shows how black text looks on a background with the Yxy color 36.5413, 0.3448, 0.2552.



This preview shows how white text looks on a background with the Yxy color 36.5413, 0.3448, 0.2552.

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

36.5413, 0.3448, 0.2552

Protanopia

36.8476, 0.2578, 0.2525

Deuteranopia

36.6014, 0.2902, 0.2837



Tritanopia

36.5324, 0.3866, 0.3159

Trichromacy



Original Color

36.5413, 0.3448, 0.2552



Protanomaly

35.6959, 0.2851, 0.2516



Deuteranomaly

35.9547, 0.3087, 0.2708



Tritanomaly

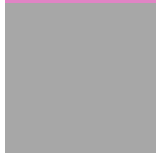
36.5337, 0.3718, 0.2935

Monochromacy



Original Color

36.5413, 0.3448, 0.2552



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

37.0169, 0.3240, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5413, 0.3448, 0.2552 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 197) }
```

Border

The CSS property to change the border of an element to Yxy 36.5413, 0.3448, 0.2552 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, 197) }
```

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

```
.border{ border-color:rgb(225, 132, 197) }
```

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, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 197);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5413, 0.3448, 0.2552 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, 197) }
```

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

```
.background{ background-color: rgb(225,  
132, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor