

Converting Colors

Yxy(34.7282, 0.3909, 0.3063)

Have a look what the booklet for
Yxy(34.7282, 0.3909, 0.3063)
contains.

Yxy(34.6046, 0.3905, 0.3053)	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(34.6046, 0.3905, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	DE8599
RGB	222, 133, 153
RGB Percent	87%, 52%, 60%
CMY	0.1294, 0.4784, 0.4000
CMYK	0.00, 0.40, 0.31, 0.13
HSL	347°, 57%, 70%
HSV	347°, 40%, 87%
XYZ	44.2617, 34.6046, 34.4799
YIQ	161.8910, 46.6240, 25.0880

Conversions

Conversions Part 2

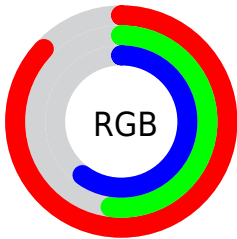
Format	Color
R _Y B	222, 133, 153
Decimal	14583193
CIE Lab	65.44, 36.52, 4.09
CIE LCh	65, 36.750, 6.392
Yxy	34.6046, 0.3905, 0.3053
Android (android.graphics.Color)	4292773273 (0xFFDE8599)
YUV	161.8910, -4.3833, 52.7156
Hunter-Lab	58.8257, 31.3623, 6.4259

Details

The Yxy color **34.6046, 0.3905, 0.3053** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4963, 0.2681, 0.3549**, and the grayscale version is **36.0831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3056, 0.3536, 0.3085**, and **14.8435, 0.4168, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **28.6277, 0.4213, 0.2999**, and if you desaturate by 10%, it is **41.9514, 0.3648, 0.3113**.

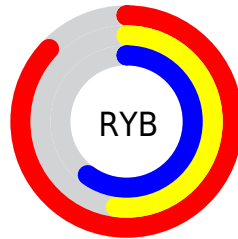
Distribution



Red (87%)

Green (52%)

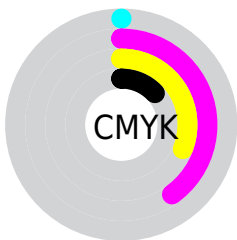
Blue (60%)



Red (87%)

Yellow (52%)

Blue (60%)

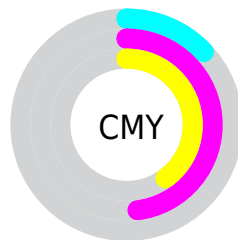


Cyan (0%)

Magenta (40%)

Yellow (31%)

Black (13%)



Cyan (13%)


Magenta (48%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6046, 0.3905, 0.3053 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 34.6046, 0.3905, 0.3053 by changing the saturation by 10% instead.


 34.6046, 0.3905,
0.3053


 34.6046, 0.3905,
0.3053


322.8196, 0.3495,
0.3182


 23.3585, 0.4014,
0.3017


 66.8728, 0.3751,
0.3102

 14.8584, 0.4158,
0.2969


 88.6636, 0.3695,
0.3120

 8.7201, 0.4357,
0.2901


 114.7381, 0.3648,
0.3135

 4.5591, 0.4648,
0.2799

145.4807, 0.3608,
0.3147

 1.9909, 0.5111,
0.2628

181.2757, 0.3574,
0.3158

 0.6022, 0.6264,
0.2315

222.5076, 0.3544,

 0.0000, 1.0000,

0.3167

0.0000

269.5608, 0.3518,
0.3175

■ 0.0000, 0.0000,
0.0000

■ 34.6046, 0.3905,
0.3053

■ 34.6046, 0.3905,
0.3053

■ 28.6277, 0.4213,
0.2999

■ 41.9514, 0.3648,
0.3113

■ 23.9307, 0.4570,
0.2959

■ 50.7410, 0.3438,
0.3175

■ 20.4204, 0.4965,
0.2942

■ 61.0468, 0.3267,
0.3234

■ 17.9889, 0.5369,
0.2959

■ 72.9359, 0.3128,
0.3290

■ 16.5084, 0.5738,
0.3015

■ 86.4715, 0.3016,
0.3341

■ 15.7592, 0.6033,
0.3097

■ 94.2701, 0.2929,
0.3289

Harmonies

Analogous

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



34.6046, 0.3364, 0.2689



34.6046, 0.3905, 0.3053



34.6046, 0.4225, 0.3487

Triad

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



34.6046, 0.3905, 0.3053



34.6046, 0.3381, 0.4311



34.6046, 0.2137, 0.2557

Complementary

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



34.6046, 0.3905, 0.3053



61.4963, 0.2681, 0.3549

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.



34.6046, 0.2141, 0.2934



34.6046, 0.3905, 0.3053



34.6046, 0.2828, 0.4027

Square

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



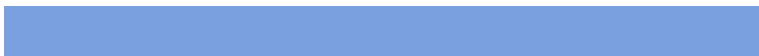
34.6046, 0.3905, 0.3053



34.6046, 0.3890, 0.4240



34.6046, 0.2382, 0.3484



34.6046, 0.2364, 0.2402

Rectangle

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



34.6046, 0.3905, 0.3053



34.6046, 0.4253, 0.3779



34.6046, 0.2382, 0.3484



34.6046, 0.2112, 0.2658

Sweetspot

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



34.6063, 0.3905, 0.3053



80.5715, 0.3298, 0.3222



34.5010, 0.2977, 0.2246



16.8341, 0.3319, 0.3215



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.



34.6063, 0.3905, 0.3053



40.4669, 0.4156, 0.3007



41.2491, 0.4021, 0.3577



13.7507, 0.3257, 0.3238



9.3742, 0.5999, 0.3078



0.6633, 0.5566, 0.2840

Inverse Universe

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



34.6063, 0.3905, 0.3053



40.4669, 0.4156, 0.3007



50.7730, 0.2528, 0.2977



13.7507, 0.3257, 0.3238



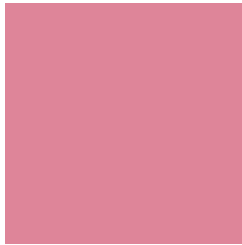
9.3742, 0.5999, 0.3078



0.6633, 0.5566, 0.2840

Previews

White Background



This preview shows how the Yxy color 34.6046, 0.3905, 0.3053 looks on a white background.

Color Contrast Check

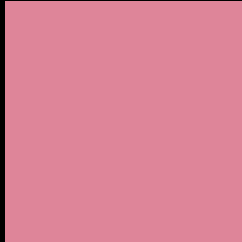
Large Text (above 18pt) WCAG AA × Fail

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 34.6046, 0.3905, 0.3053 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 34.6046, 0.3905, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 34.6046, 0.3905, 0.3053.



This preview shows how white text looks on a background with the Yxy color 34.6046, 0.3905, 0.3053.

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

34.6046, 0.3905, 0.3053

Protanopia

34.7545, 0.3058, 0.3145

Deuteranopia

34.7461, 0.3419, 0.3362



Tritanopia

34.4360, 0.3996, 0.3172

Trichromacy



Original Color

34.6046, 0.3905, 0.3053

Protanomaly

34.2065, 0.3341, 0.3098

Deuteranomaly

34.2291, 0.3598, 0.3238

Tritanomaly

34.5289, 0.3961, 0.3136

Monochromacy



Original Color

34.6046, 0.3905, 0.3053

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.8268, 0.3388, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6046, 0.3905, 0.3053 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(222, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(222, 133, 153)  
}
```

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(222, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 133, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.6046, 0.3905, 0.3053 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(222, 133, 153) }
```

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

```
.border{ border-color:rgb(222, 133, 153) }
```

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

Here you see how a box with a 4 pixel rgb(222, 133, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(222, 133,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6046, 0.3905, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 133, 153) }
```

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

```
.background{ background-color: rgb(222,  
133, 153) }
```

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