

Converting Colors

Yxy(39.5336, 0.3661, 0.2960)

Have a look what the booklet for
Yxy(39.5336, 0.3661, 0.2960)
contains.

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Color

Yxy(39.6213, 0.3663, 0.2963)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E192AE |
| RGB | 225, 146, 174 |
| RGB Percent | 88%, 57%, 68% |
| CMY | 0.1175, 0.4275, 0.3176 |
| CMYK | 0.00, 0.35, 0.23, 0.12 |
| HSL | 339°, 57%, 73% |
| HSV | 339°, 35%, 88% |
| XYZ | 48.9817, 39.6213, 45.1172 |
| YIQ | 172.8130, 38.0960, 25.4560 |

Conversions

Conversions Part 2

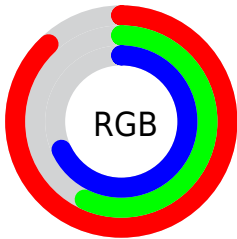
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 225, 146, 174 |
| Decimal | 14783150 |
| CIE Lab | 69.20, 33.63, -2.21 |
| CIE LCh | 69, 33.704, 356.241 |
| Yxy | 39.6213, 0.3663, 0.2963 |
| Android (android.graphics.Color) | 4292973230 (0xFFE192AE) |
| YUV | 172.8130, 0.5852, 45.7680 |
| Hunter-Lab | 62.9455, 28.7472, 1.5647 |

Details

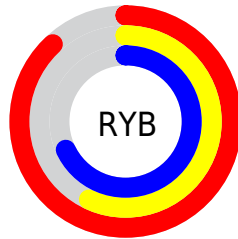
The Yxy color **39.6213, 0.3663, 0.2963** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.0162, 0.2785, 0.3648**, and the grayscale version is **41.6726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6904, 0.3340, 0.3008**, and **17.7354, 0.3818, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **32.8194, 0.3893, 0.2870**, and if you desaturate by 10%, it is **47.8537, 0.3471, 0.3060**.

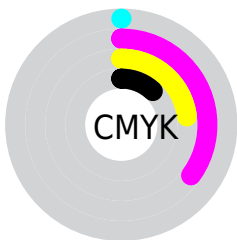
Distribution



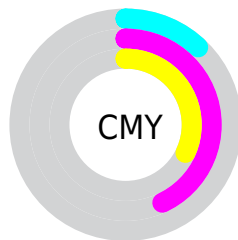
- Red (88%)
- Green (57%)
- Blue (68%)



- Red (88%)
- Yellow (57%)
- Blue (68%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6213, 0.3663, 0.2963 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 39.6213, 0.3663, 0.2963 by changing the saturation by 10% instead.


 39.6213, 0.3663,
0.2963

 39.6213, 0.3663,
0.2963

344.5248, 0.3389,
0.3129

 27.2434, 0.3733,
0.2921


 74.5865, 0.3562,
0.3024

 17.7561, 0.3825,
0.2867


 97.9426, 0.3525,
0.3046

 10.7750, 0.3948,
0.2794


125.7269, 0.3493,
0.3066

 5.9158, 0.4123,
0.2691

158.3237, 0.3466,
0.3082

 2.7939, 0.4393,
0.2535

196.1175, 0.3443,
0.3096

 1.0251, 0.4854,
0.2273

239.4927, 0.3423,


 0.0000, 0.9271,


0.3108


0.0000


288.8337, 0.3405,
0.3119


 0.0000, 0.0000,
0.0000

 39.6213, 0.3663,
0.2963


 39.6213, 0.3663,
0.2963


 32.8194, 0.3893,
0.2870


 47.8537, 0.3471,
0.3060


 27.3599, 0.4162,
0.2789

 57.5868, 0.3313,
0.3155


 23.1537, 0.4468,
0.2731

 68.8929, 0.3184,
0.3246

 20.0985, 0.4800,
0.2708

 81.8378, 0.3078,
0.3331

 18.0754, 0.5136,
0.2731

 94.2281, 0.2992,
0.3374

■ 16.9391, 0.5450,
0.2806

■ 94.7549, 0.2947,
0.3289

■ 16.5910, 0.5591,
0.2854

Harmonies

Analogous

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



39.6213, 0.3164, 0.2670



39.6213, 0.3663, 0.2963



39.6213, 0.4024, 0.3339

Triad

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



39.6213, 0.3663, 0.2963



39.6213, 0.3520, 0.4193



39.6213, 0.2225, 0.2739

Complementary

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



39.6213, 0.3663, 0.2963



64.0162, 0.2785, 0.3648

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.



39.6213, 0.2303, 0.3135



39.6213, 0.3663, 0.2963



39.6213, 0.3030, 0.4045

Square

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



39.6213, 0.3663, 0.2963



39.6213, 0.3923, 0.4054



39.6213, 0.2588, 0.3632



39.6213, 0.2360, 0.2529

Rectangle

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



39.6213, 0.3663, 0.2963



39.6213, 0.4119, 0.3603



39.6213, 0.2588, 0.3632



39.6213, 0.2227, 0.2853

Sweetspot

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



39.6232, 0.3663, 0.2963



82.2791, 0.3258, 0.3192



37.7336, 0.2907, 0.2351



17.1827, 0.3276, 0.3180



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.



39.6232, 0.3663, 0.2963



45.9483, 0.3823, 0.2896



42.0423, 0.3920, 0.3417



13.7804, 0.3237, 0.3207



9.5763, 0.5551, 0.2831



0.6804, 0.5122, 0.2596

Inverse Universe

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



39.6232, 0.3663, 0.2963



45.9483, 0.3823, 0.2896



59.8964, 0.2615, 0.3157



13.7804, 0.3237, 0.3207



9.5763, 0.5551, 0.2831



0.6804, 0.5122, 0.2596

Previews

White Background



This preview shows how the Yxy color 39.6213, 0.3663, 0.2963 looks on a white background.

Color Contrast Check

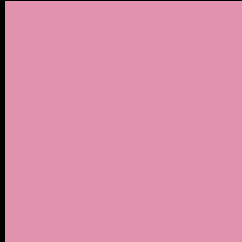
Large Text (above 18pt) WCAG AA × Fail

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 39.6213, 0.3663, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

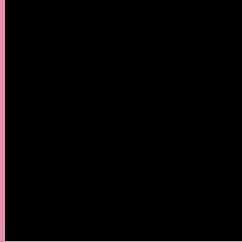
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6213, 0.3663, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 39.6213, 0.3663, 0.2963.



This preview shows how white text looks on a background with the Yxy color 39.6213, 0.3663, 0.2963.

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

39.6213, 0.3663, 0.2963

Protanopia

39.8086, 0.2962, 0.3030

Deuteranopia

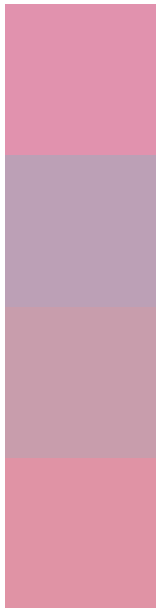
39.8055, 0.3264, 0.3197



Tritanopia

39.5652, 0.3795, 0.3150

Trichromacy



Original Color

39.6213, 0.3663, 0.2963

Protanomaly

39.2104, 0.3197, 0.3003

Deuteranomaly

39.3719, 0.3410, 0.3099

Tritanomaly

39.4313, 0.3745, 0.3079

Monochromacy



Original Color

39.6213, 0.3663, 0.2963

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.4180, 0.3313, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6213, 0.3663, 0.2963 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, 146, 174)` looks like.

```
.text, #text, p{  
    color:rgb(225, 146, 174)  
}
```

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, 146, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 146, 174) }
```

Border

The CSS property to change the border of an element to Yxy 39.6213, 0.3663, 0.2963 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, 146, 174) }
```

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

```
.border{ border-color:rgb(225, 146, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 146, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 146, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 146, 174);  
box-shadow:4px 4px 4px 4px rgb(225, 146,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6213, 0.3663, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 146, 174) }
```

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

```
.background{ background-color: rgb(225,  
146, 174) }
```

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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