

Converting Colors

$Y_{xy}(35.2787, 0.4053, 0.2937)$

Have a look what the booklet for
Yxy(35.2787, 0.4053, 0.2937)
contains.

Yxy(35.2787, 0.4053, 0.2937)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.2787, 0.4053, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	EE7D9D
RGB	238, 125, 157
RGB Percent	93%, 49%, 62%
CMY	0.0666, 0.5098, 0.3842
CMYK	0.00, 0.47, 0.34, 0.07
HSL	343°, 77%, 71%
HSV	343°, 47%, 93%
XYZ	48.6839, 35.2787, 36.1556
YIQ	162.4350, 57.0760, 33.9080

Conversions

Conversions Part 2

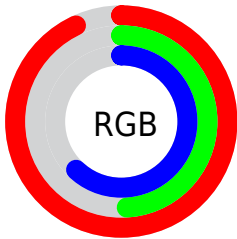
Format	Color
R _Y B	238, 125, 157
Decimal	15629725
CIE Lab	65.97, 46.76, 2.82
CIE LCh	66, 46.842, 3.456
Yxy	35.2787, 0.4053, 0.2937
Android (android.graphics.Color)	4293819805 (0xFFEE7D9D)
YUV	162.4350, -2.6795, 66.2705
Hunter-Lab	59.3959, 42.3649, 5.4860

Details

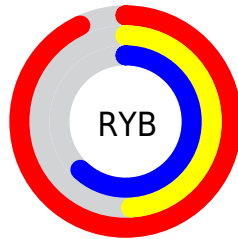
The Yxy color **35.2787, 0.4053, 0.2937** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69.9696, 0.2649, 0.3695**, and the grayscale version is **36.3399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6057, 0.3515, 0.2972**, and **15.2590, 0.4345, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **29.4169, 0.4370, 0.2878**, and if you desaturate by 10%, it is **42.6689, 0.3782, 0.3009**.

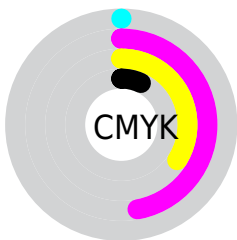
Distribution



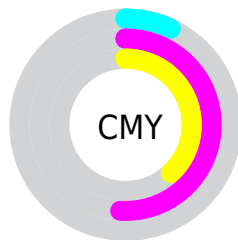
- Red (93%)
- Green (49%)
- Blue (62%)



- Red (93%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (7%)





- Cyan (7%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2787, 0.4053, 0.2937 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 35.2787, 0.4053, 0.2937 by changing the saturation by 10% instead.


 35.2787, 0.4053,
0.2937


 35.2787, 0.4053,
0.2937


325.7968, 0.3569,
0.3125

 23.8776, 0.4180,
0.2886


 67.9173, 0.3872,
0.3008

 15.2429, 0.4348,
0.2819


 89.9236, 0.3806,
0.3034

 8.9900, 0.4577,
0.2727


 116.2338, 0.3750,
0.3055

 4.7347, 0.4907,
0.2590

147.2323, 0.3703,
0.3074

 2.0924, 0.5420,
0.2373

183.3034, 0.3662,
0.3089

 0.6604, 0.6454,
0.1981

224.8316, 0.3627,

 0.0000, 1.0000,

0.3103

0.0000

272.2013, 0.3596,
0.3115

■ 0.0000, 0.0000,
0.0000

■ 35.2787, 0.4053,
0.2937

■ 35.2787, 0.4053,
0.2937

■ 29.4169, 0.4370,
0.2878

■ 42.6689, 0.3782,
0.3009

■ 24.9701, 0.4727,
0.2843

■ 51.6798, 0.3557,
0.3087

■ 21.8174, 0.5104,
0.2844

■ 62.4026, 0.3372,
0.3164

■ 19.8151, 0.5470,
0.2889

■ 74.9201, 0.3221,
0.3238

■ 18.7737, 0.5787,
0.2977

■ 89.3098, 0.3099,
0.3307

■ 18.5898, 0.5859,
0.3001

■ 96.9189, 0.3023,
0.3290

Harmonies

Analogous

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



35.2787, 0.3344, 0.2514



35.2787, 0.4053, 0.2937



35.2787, 0.4495, 0.3453

Triad

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



35.2787, 0.4053, 0.2937



35.2787, 0.3489, 0.4610



35.2787, 0.1900, 0.2401

Complementary

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



35.2787, 0.4053, 0.2937



69.9696, 0.2649, 0.3695

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.



35.2787, 0.1927, 0.2882



35.2787, 0.4053, 0.2937



35.2787, 0.2800, 0.4303

Square

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



35.2787, 0.4053, 0.2937



35.2787, 0.4116, 0.4436



35.2787, 0.2236, 0.3602



35.2787, 0.2144, 0.2203

Rectangle

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



35.2787, 0.4053, 0.2937



35.2787, 0.4550, 0.3811



35.2787, 0.2236, 0.3602



35.2787, 0.1878, 0.2529

Sweetspot

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



35.2805, 0.4053, 0.2937



77.7603, 0.3316, 0.3190



33.6922, 0.2869, 0.2026



15.9917, 0.3351, 0.3173



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.



35.2805, 0.4053, 0.2937



34.5660, 0.4361, 0.2879



40.7136, 0.4309, 0.3545



15.8325, 0.3249, 0.3223



10.3893, 0.5819, 0.2979



0.8808, 0.5446, 0.2774

Inverse Universe

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



35.2805, 0.4053, 0.2937



34.5660, 0.4361, 0.2879



59.3418, 0.2446, 0.3006



15.8325, 0.3249, 0.3223



10.3893, 0.5819, 0.2979



0.8808, 0.5446, 0.2774

Previews

White Background



This preview shows how the Yxy color 35.2787, 0.4053, 0.2937 looks on a white background.

Color Contrast Check

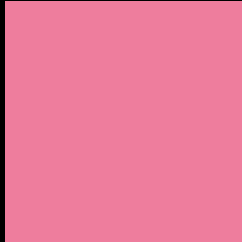
Large Text (above 18pt) WCAG AA × Fail

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 35.2787, 0.4053, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

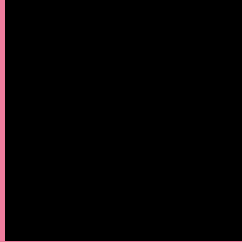
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2787, 0.4053, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 35.2787, 0.4053, 0.2937.



This preview shows how white text looks on a background with the Yxy color 35.2787, 0.4053, 0.2937.

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

35.2787, 0.4053, 0.2937

Protanopia

35.6869, 0.2971, 0.3047

Deuteranopia

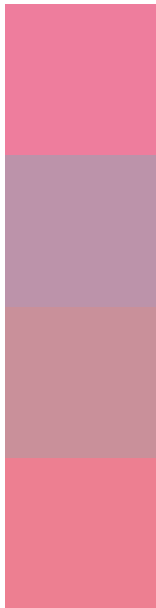
35.4130, 0.3408, 0.3333



Tritanopia

35.1062, 0.4250, 0.3181

Trichromacy



Original Color

35.2787, 0.4053, 0.2937

Protanomaly

34.4611, 0.3326, 0.2982

Deuteranomaly

34.6971, 0.3635, 0.3161

Tritanomaly

35.2276, 0.4180, 0.3092

Monochromacy



Original Color

35.2787, 0.4053, 0.2937

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.9801, 0.3444, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2787, 0.4053, 0.2937 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(238, 125, 157)` looks like.

```
.text, #text, p{  
    color:rgb(238, 125, 157)  
}
```

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(238, 125, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 125, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.2787, 0.4053, 0.2937 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(238, 125, 157) }
```

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

```
.border{ border-color:rgb(238, 125, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 125, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 125, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 125, 157);  
box-shadow:4px 4px 4px 4px rgb(238, 125,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2787, 0.4053, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 125, 157) }
```

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

```
.background{ background-color: rgb(238,  
125, 157) }
```

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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