

Converting Colors

Yxy(36.4356, 0.3713, 0.2859)

Have a look what the booklet for
Yxy(36.4356, 0.3713, 0.2859)
contains.

Yxy(36.3141, 0.3713, 0.2859)	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(36.3141, 0.3713, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	E187AC
RGB	225, 135, 172
RGB Percent	88%, 53%, 67%
CMY	0.1176, 0.4706, 0.3256
CMYK	0.00, 0.40, 0.24, 0.12
HSL	335°, 60%, 71%
HSV	335°, 40%, 88%
XYZ	47.1613, 36.3141, 43.5414
YIQ	166.1280, 41.7630, 30.5870

Conversions

Conversions Part 2

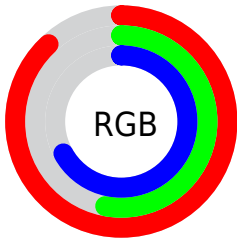
Format	Color
R _Y B	225, 135, 172
Decimal	14780332
CIE Lab	66.76, 39.12, -4.66
CIE LCh	67, 39.395, 353.207
Yxy	36.3141, 0.3713, 0.2859
Android (android.graphics.Color)	4292970412 (0xFFE187AC)
YUV	166.1280, 2.8949, 51.6307
Hunter-Lab	60.2612, 34.2398, -0.6568

Details

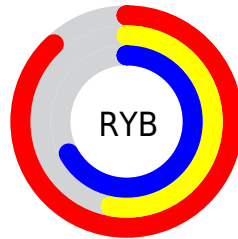
The Yxy color **36.3141, 0.3713, 0.2859** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6378, 0.2773, 0.3776**, and the grayscale version is **38.1696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6330, 0.3369, 0.2916**, and **15.8674, 0.3893, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **30.2022, 0.3937, 0.2756**, and if you desaturate by 10%, it is **43.8070, 0.3523, 0.2969**.

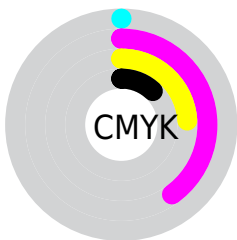
Distribution



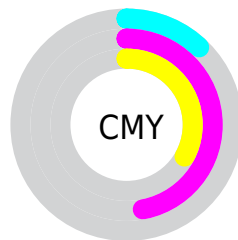
- Red (88%)
- Green (53%)
- Blue (67%)



- Red (88%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3141, 0.3713, 0.2859 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 36.3141, 0.3713, 0.2859 by changing the saturation by 10% instead.

 36.3141, 0.3713,
0.2859

 36.3141, 0.3713,
0.2859


330.3313, 0.3411,
0.3078


 24.6769, 0.3791,
0.2803


 69.5166, 0.3601,
0.2939

 15.8365, 0.3893,
0.2732


 91.8507, 0.3560,
0.2969

 9.4085, 0.4032,
0.2635


 118.5191, 0.3525,
0.2994

 5.0086, 0.4231,
0.2499

149.9064, 0.3496,
0.3016

 2.2523, 0.4539,
0.2293

186.3969, 0.3470,
0.3035

 0.7483, 0.5084,
0.1936

228.3749, 0.3448,

 0.0000, 1.0000,

0.3051

0.0000

276.2249, 0.3428,
0.3065

0.0000, 0.0000,
0.0000

36.3141, 0.3713,
0.2859

36.3141, 0.3713,
0.2859

30.2022, 0.3937,
0.2756

43.8070, 0.3523,
0.2969

25.3803, 0.4195,
0.2671

52.7540, 0.3365,
0.3081

21.7546, 0.4482,
0.2616


63.2292, 0.3234,
0.3188

19.2162, 0.4785,
0.2603


75.3002, 0.3127,
0.3290


17.6360, 0.5085,
0.2643

89.0306, 0.3039,
0.3385

 16.7889, 0.5365,
0.2729

 94.5267, 0.2965,
0.3324

 16.7889, 0.5365,
0.2729

 94.7486, 0.2946,
0.3289

Harmonies

Analogous

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



36.3141, 0.3104, 0.2532



36.3141, 0.3713, 0.2859



36.3141, 0.4177, 0.3288

Triad

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



36.3141, 0.3713, 0.2859



36.3141, 0.3641, 0.4378



36.3141, 0.2061, 0.2662

Complementary

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



36.3141, 0.3713, 0.2859



62.6378, 0.2773, 0.3776

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.



36.3141, 0.2172, 0.3151



36.3141, 0.3713, 0.2859



36.3141, 0.3060, 0.4250

Square

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



36.3141, 0.3713, 0.2859



36.3141, 0.4110, 0.4159



36.3141, 0.2525, 0.3764



36.3141, 0.2193, 0.2400

Rectangle

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



36.3141, 0.3713, 0.2859



36.3141, 0.4313, 0.3597



36.3141, 0.2525, 0.3764



36.3141, 0.2070, 0.2802

Sweetspot

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



36.3158, 0.3713, 0.2859



80.8993, 0.3260, 0.3166



33.3949, 0.2826, 0.2201



16.9109, 0.3276, 0.3152



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.



36.3158, 0.3713, 0.2859



41.3397, 0.3897, 0.2773



37.2549, 0.4101, 0.3382



13.7934, 0.3228, 0.3194



9.6958, 0.5325, 0.2707



0.6895, 0.4924, 0.2486

Inverse Universe

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



36.3158, 0.3713, 0.2859



41.3397, 0.3897, 0.2773



60.4753, 0.2563, 0.3194



13.7934, 0.3228, 0.3194



9.6958, 0.5325, 0.2707



0.6895, 0.4924, 0.2486

Previews

White Background



This preview shows how the Yxy color 36.3141, 0.3713, 0.2859 looks on a white background.

Color Contrast Check

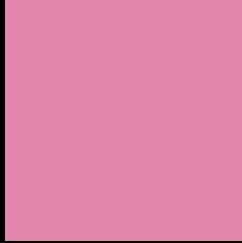
Large Text (above 18pt) WCAG AA × Fail

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 36.3141, 0.3713, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

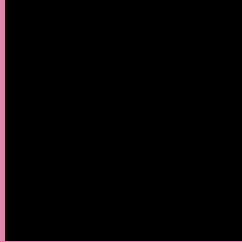
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3141, 0.3713, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 36.3141, 0.3713, 0.2859.



This preview shows how white text looks on a background with the Yxy color 36.3141, 0.3713, 0.2859.

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

36.3141, 0.3713, 0.2859

Protanopia

36.7839, 0.2866, 0.2912

Deuteranopia

36.5110, 0.3211, 0.3152



Tritanopia

36.3231, 0.3939, 0.3173

Trichromacy



Original Color

36.3141, 0.3713, 0.2859



Protanomaly

35.8205, 0.3137, 0.2876



Deuteranomaly

36.1466, 0.3392, 0.3041



Tritanomaly

36.4586, 0.3862, 0.3067

Monochromacy



Original Color

36.3141, 0.3713, 0.2859



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.8346, 0.3323, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3141, 0.3713, 0.2859 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, 135, 172)` looks like.

```
.text, #text, p{  
    color:rgb(225, 135, 172)  
}
```

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, 135, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 135, 172) }
```

Border

The CSS property to change the border of an element to Yxy 36.3141, 0.3713, 0.2859 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, 135, 172) }
```

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

```
.border{ border-color:rgb(225, 135, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 135, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 135, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 135, 172);  
box-shadow:4px 4px 4px 4px rgb(225, 135,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3141, 0.3713, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 135, 172) }
```

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

```
.background{ background-color: rgb(225,  
135, 172) }
```

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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