

Converting Colors

$Yxy(41.6836, 0.3648, 0.2951)$

Have a look what the booklet for
Yxy(41.6836, 0.3648, 0.2951)
contains.

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Color

Yxy(41.5726, 0.3652, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	E695B3
RGB	230, 149, 179
RGB Percent	90%, 58%, 70%
CMY	0.0981, 0.4157, 0.2979
CMYK	0.00, 0.35, 0.22, 0.10
HSL	338°, 62%, 74%
HSV	338°, 35%, 90%
XYZ	51.5179, 41.5726, 47.9771
YIQ	176.6390, 38.6460, 26.5020

Conversions

Conversions Part 2

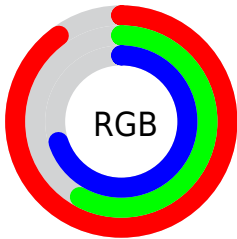
Format	Color
R _Y B	230, 149, 179
Decimal	15111603
CIE Lab	70.58, 34.50, -2.92
CIE LCh	71, 34.625, 355.158
Yxy	41.5726, 0.3652, 0.2947
Android (android.graphics.Color)	4293301683 (0xFFE695B3)
YUV	176.6390, 1.1640, 46.7976
Hunter-Lab	64.4768, 29.7895, 1.0162

Details

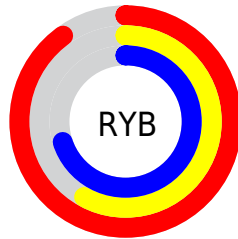
The Yxy color $41.5726, 0.3652, 0.2947$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $67.1464, 0.2791, 0.3666$, and the grayscale version is $43.7479, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.4439, 0.3293, 0.2980$, and $18.9400, 0.3813, 0.2858$ is the 20% darker color. If you saturate the color by 10%, you get $34.4459, 0.3876, 0.2850$, and if you desaturate by 10%, it is $50.2015, 0.3465, 0.3048$.

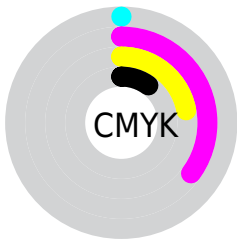
Distribution



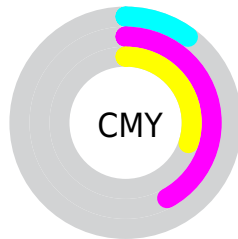
- Red (90%)
- Green (58%)
- Blue (70%)



- Red (90%)
- Yellow (58%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (10%)




- Cyan (10%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5726, 0.3652, 0.2947 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 41.5726, 0.3652, 0.2947 by changing the saturation by 10% instead.


 41.5726, 0.3652,
0.2947

 41.5726, 0.3652,
0.2947


352.7081, 0.3386,
0.3119

 28.7668, 0.3719,
0.2904


 77.5524, 0.3555,
0.3010

 18.9045, 0.3806,
0.2849


 101.4951, 0.3518,
0.3033

 11.6013, 0.3923,
0.2775


129.9189, 0.3488,
0.3053

 6.4728, 0.4088,
0.2673

163.2082, 0.3462,
0.3070

 3.1346, 0.4337,
0.2520

201.7474, 0.3439,
0.3085

 1.2024, 0.4754,
0.2270

245.9208, 0.3419,

 0.0637, 0.7283,

0.3098

0.0513

296.1129, 0.3402,
0.3109

0.0000, 0.0000,
0.0000

41.5726, 0.3652,
0.2947

41.5726, 0.3652,
0.2947

34.4459, 0.3876,
0.2850

50.2015, 0.3465,
0.3048

28.7287, 0.4138,
0.2765

60.4066, 0.3310,
0.3148

24.3271, 0.4436,
0.2703

72.2640, 0.3184,
0.3243

21.1330, 0.4758,
0.2678

85.8431, 0.3080,
0.3332

19.0211, 0.5086,
0.2699

95.3309, 0.2995,
0.3326

■ 17.8375, 0.5394,
0.2773

■ 95.5613, 0.2976,
0.3290

■ 17.4819, 0.5531,
0.2820

Harmonies

Analogous

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



41.5726, 0.3145, 0.2655



41.5726, 0.3652, 0.2947



41.5726, 0.4025, 0.3324

Triad

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



41.5726, 0.3652, 0.2947



41.5726, 0.3540, 0.4203



41.5726, 0.2215, 0.2744

Complementary

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



41.5726, 0.3652, 0.2947



67.1464, 0.2791, 0.3666

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.



41.5726, 0.2301, 0.3150



41.5726, 0.3652, 0.2947



41.5726, 0.3046, 0.4065

Square

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



41.5726, 0.3652, 0.2947



41.5726, 0.3943, 0.4052



41.5726, 0.2596, 0.3654



41.5726, 0.2344, 0.2525

Rectangle

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



41.5726, 0.3652, 0.2947



41.5726, 0.4128, 0.3591



41.5726, 0.2596, 0.3654



41.5726, 0.2220, 0.2861

Sweetspot

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



41.5746, 0.3652, 0.2947



82.3059, 0.3255, 0.3188



39.3443, 0.2894, 0.2345



17.1891, 0.3273, 0.3175



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.



41.5746, 0.3652, 0.2947



46.0228, 0.3805, 0.2878



43.6006, 0.3929, 0.3402



14.4559, 0.3234, 0.3203



9.9199, 0.5489, 0.2798



0.7505, 0.5090, 0.2578

Inverse Universe

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



41.5746, 0.3652, 0.2947



46.0228, 0.3805, 0.2878



63.5741, 0.2616, 0.3173



14.4559, 0.3234, 0.3203



9.9199, 0.5489, 0.2798



0.7505, 0.5090, 0.2578

Previews

White Background



This preview shows how the Yxy color 41.5726, 0.3652, 0.2947 looks on a white background.

Color Contrast Check

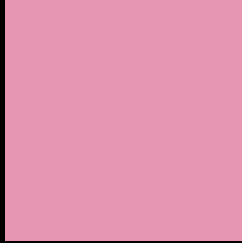
Large Text (above 18pt) WCAG AA × Fail

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 41.5726, 0.3652, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

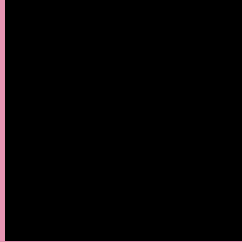
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5726, 0.3652, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 41.5726, 0.3652, 0.2947.



This preview shows how white text looks on a background with the Yxy color 41.5726, 0.3652, 0.2947.

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

41.5726, 0.3652, 0.2947

Protanopia

41.9014, 0.2941, 0.3009

Deuteranopia

41.8312, 0.3242, 0.3186



Tritanopia

41.5948, 0.3790, 0.3164

Trichromacy



Original Color

41.5726, 0.3652, 0.2947

Protanomaly

41.3882, 0.3178, 0.2984

Deuteranomaly

41.3606, 0.3385, 0.3090

Tritanomaly

41.6558, 0.3741, 0.3083

Monochromacy



Original Color

41.5726, 0.3652, 0.2947

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.5875, 0.3300, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5726, 0.3652, 0.2947 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(230, 149, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 149, 179)  
}
```

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(230, 149, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 149, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.5726, 0.3652, 0.2947 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(230, 149, 179) }
```

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

```
.border{ border-color:rgb(230, 149, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 149, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 149, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 149, 179);  
box-shadow:4px 4px 4px 4px rgb(230, 149,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5726, 0.3652, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 149, 179) }
```

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

```
.background{ background-color: rgb(230,  
149, 179) }
```

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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