

Converting Colors

$Y_{xy}(35.6342, 0.4307, 0.3173)$

Have a look what the booklet for
Yxy(35.6342, 0.4307, 0.3173)
contains.

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Color

Yxy(35.7145, 0.4305, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	F17F8A
RGB	241, 127, 138
RGB Percent	95%, 50%, 54%
CMY	0.0549, 0.5020, 0.4588
CMYK	0.00, 0.47, 0.43, 0.05
HSL	354°, 80%, 72%
HSV	354°, 47%, 95%
XYZ	48.4560, 35.7145, 28.3870
YIQ	162.3400, 64.4130, 27.5890

Conversions

Conversions Part 2

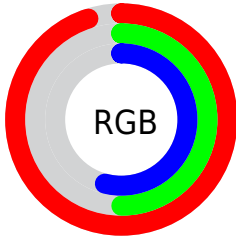
Format	Color
R_{YB}	241, 127, 138
Decimal	15826826
CIE _{Lab}	66.30, 44.68, 14.13
CIE _{LCh}	66, 46.864, 17.551
Yxy	35.7145, 0.4305, 0.3173
Android (android.graphics.Color)	4294016906 (0xFFFF17F8A)
YUV	162.3400, -11.9996, 68.9848
Hunter-Lab	59.7616, 40.1489, 13.6701

Details

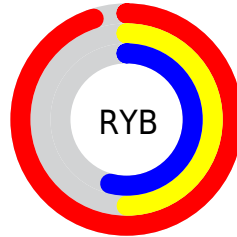
The Yxy color **35.7145, 0.4305, 0.3173** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.1431, 0.2549, 0.3422**, and the grayscale version is **36.3346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4775, 0.3684, 0.3198**, and **15.4259, 0.4684, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **29.6493, 0.4715, 0.3157**, and if you desaturate by 10%, it is **43.3985, 0.3954, 0.3196**.

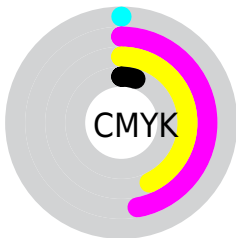
Distribution



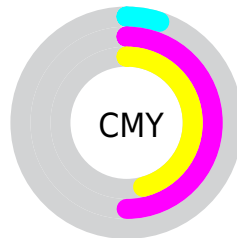
- Red (95%)
- Green (50%)
- Blue (54%)



- Red (95%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (5%)




- Cyan (5%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7145, 0.4305, 0.3173 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 35.7145, 0.4305, 0.3173 by changing the saturation by 10% instead.

 35.7145, 0.4305,
0.3173


 35.7145, 0.4305,
0.3173


327.7110, 0.3685,
0.3254


 24.2138, 0.4468,
0.3145


 68.5912, 0.4073,
0.3208

 15.4923, 0.4682,
0.3104


 90.7359, 0.3988,
0.3219

 9.1656, 0.4973,
0.3041


 117.1975, 0.3917,
0.3228

 4.8494, 0.5387,
0.2937

148.3602, 0.3856,
0.3236

 2.1591, 0.6013,
0.2745

184.6085, 0.3805,
0.3241

 0.6976, 0.7527,
0.2473

226.3268, 0.3759,


 0.0000, 1.0000,


0.3246


0.0000


273.8995, 0.3720,
0.3250


 0.0000, 0.0000,
0.0000

 35.7145, 0.4305,
0.3173


 35.7145, 0.4305,
0.3173


 29.6493, 0.4715,
0.3157

 43.3985, 0.3954,
0.3196


 25.0819, 0.5166,
0.3153


 52.8000, 0.3664,
0.3222


 21.8832, 0.5616,
0.3165

 64.0162, 0.3429,
0.3248

 19.9000, 0.6001,
0.3197

 77.1357, 0.3241,
0.3273

 18.9333, 0.6262,
0.3242

 92.2410, 0.3090,
0.3296

 18.7659, 0.6312,
0.3251

 97.4429, 0.3042,
0.3290

Harmonies

Analogous

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



35.7145, 0.3691, 0.2698



35.7145, 0.4305, 0.3173



35.7145, 0.4550, 0.3705

Triad

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



35.7145, 0.4305, 0.3173



35.7145, 0.3162, 0.4526



35.7145, 0.1985, 0.2278

Complementary

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



35.7145, 0.4305, 0.3173



73.1431, 0.2549, 0.3422

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.



35.7145, 0.1884, 0.2623



35.7145, 0.4305, 0.3173



35.7145, 0.2512, 0.3999

Square

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



35.7145, 0.4305, 0.3173



35.7145, 0.3839, 0.4563



35.7145, 0.2059, 0.3244



35.7145, 0.2352, 0.2201

Rectangle

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



35.7145, 0.4305, 0.3173



35.7145, 0.4466, 0.4054



35.7145, 0.2059, 0.3244



35.7145, 0.1922, 0.2361

Sweetspot

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



35.7163, 0.4305, 0.3173



77.3938, 0.3363, 0.3256



38.2885, 0.3077, 0.2105



15.9035, 0.3406, 0.3251



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.



35.7163, 0.4305, 0.3173



33.7838, 0.4710, 0.3157



49.9705, 0.4172, 0.3792



15.7836, 0.3278, 0.3268



10.1838, 0.6290, 0.3238



0.8555, 0.6049, 0.3106

Inverse Universe

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



35.7163, 0.4305, 0.3173



33.7838, 0.4710, 0.3157



50.0761, 0.2393, 0.2709



15.7836, 0.3278, 0.3268



10.1838, 0.6290, 0.3238



0.8555, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 35.7145, 0.4305, 0.3173 looks on a white background.

Color Contrast Check

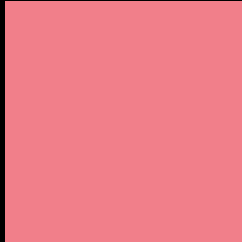
Large Text (above 18pt) WCAG AA × Fail

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 35.7145, 0.4305, 0.3173 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 35.7145, 0.4305, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 35.7145, 0.4305, 0.3173.



This preview shows how white text looks on a background with the Yxy color 35.7145, 0.4305, 0.3173.

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

35.7145, 0.4305, 0.3173

Protanopia

35.9970, 0.3220, 0.3363

Deuteranopia

35.7009, 0.3670, 0.3595



Tritanopia

35.6571, 0.4329, 0.3195

Trichromacy



Original Color

35.7145, 0.4305, 0.3173



Protanomaly

35.0023, 0.3589, 0.3291



Deuteranomaly

35.2655, 0.3902, 0.3420



Tritanomaly

35.6857, 0.4317, 0.3184

Monochromacy



Original Color

35.7145, 0.4305, 0.3173



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.8712, 0.3526, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7145, 0.4305, 0.3173 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(241, 127, 138)` looks like.

```
.text, #text, p{  
    color:rgb(241, 127, 138)  
}
```

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(241, 127, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 127, 138) }
```

Border

The CSS property to change the border of an element to Yxy 35.7145, 0.4305, 0.3173 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(241, 127, 138) }
```

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

```
.border{ border-color:rgb(241, 127, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 127, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 127, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 127, 138);  
box-shadow:4px 4px 4px 4px rgb(241, 127,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7145, 0.4305, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 127, 138) }
```

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

```
.background{ background-color: rgb(241,  
127, 138) }
```

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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