

Converting Colors

$Y_{xy}(36.3546, 0.4528, 0.3279)$

Have a look what the booklet for
Yxy(36.3546, 0.4528, 0.3279)
contains.

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Color

Yxy(36.3393, 0.4525, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	F97D7F
RGB	249, 125, 127
RGB Percent	98%, 49%, 50%
CMY	0.0234, 0.5099, 0.5019
CMYK	0.00, 0.50, 0.49, 0.02
HSL	359°, 91%, 73%
HSV	359°, 50%, 98%
XYZ	50.2399, 36.3393, 24.4483
YIQ	162.3040, 73.2620, 26.9100

Conversions

Conversions Part 2

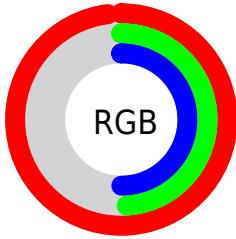
Format	Color
R _Y B	249, 125, 127
Decimal	16350591
CIE Lab	66.78, 47.47, 21.16
CIE LCh	67, 51.972, 24.027
Yxy	36.3393, 0.4525, 0.3273
Android (android.graphics.Color)	4294540671 (0xFFFF97D7F)
YUV	162.3040, -17.4049, 76.0324
Hunter-Lab	60.2821, 43.2708, 18.1516

Details

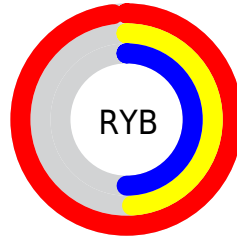
The Yxy color **36.3393, 0.4525, 0.3273** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.8446, 0.2484, 0.3312**, and the grayscale version is **36.3385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1978, 0.3787, 0.3292**, and **15.8762, 0.4956, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **30.2448, 0.4984, 0.3272**, and if you desaturate by 10%, it is **44.1730, 0.4122, 0.3276**.

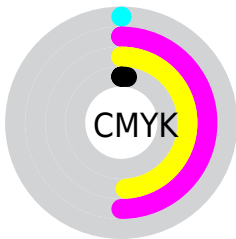
Distribution



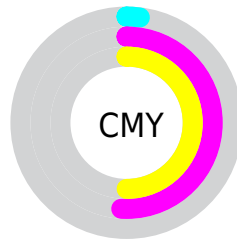
- Red (98%)
- Green (49%)
- Blue (50%)



- Red (98%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3393, 0.4525, 0.3273 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 36.3393, 0.4525, 0.3273 by changing the saturation by 10% instead.


 36.3393, 0.4525,
0.3273

 36.3393, 0.4525,
0.3273


330.4411, 0.3792,
0.3315

 24.6964, 0.4715,
0.3251


 69.5554, 0.4252,
0.3297

 15.8510, 0.4962,
0.3215


 91.8974, 0.4152,
0.3303

 9.4188, 0.5293,
0.3154


 118.5746, 0.4067,
0.3307

 5.0153, 0.5753,
0.3045

149.9712, 0.3996,
0.3310

 2.2563, 0.6462,
0.2851

186.4718, 0.3934,
0.3312

 0.7504, 0.7579,
0.2421

228.4608, 0.3880,


 0.0000, 1.0000,


0.3313


0.0000


276.3224, 0.3834,
0.3314


 0.0000, 0.0000,
0.0000


 36.3393, 0.4525,
0.3273


 36.3393, 0.4525,
0.3273


 30.2448, 0.4984,
0.3272


 44.1730, 0.4122,
0.3276


 25.7520, 0.5465,
0.3274


 53.8585, 0.3787,
0.3279

 22.7120, 0.5903,
0.3279


 65.5056, 0.3515,
0.3283


 20.9454, 0.6224,
0.3287

 79.2139, 0.3298,
0.3286

 20.1654, 0.6387,
0.3293

 95.0763, 0.3124,
0.3290

 20.1542, 0.6389,
0.3293

 98.8853, 0.3090,
0.3290

Harmonies

Analogous

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



36.3393, 0.3914, 0.2745



36.3393, 0.4525, 0.3273



36.3393, 0.4680, 0.3849

Triad

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



36.3393, 0.4525, 0.3273



36.3393, 0.2991, 0.4584



36.3393, 0.1948, 0.2146

Complementary

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



36.3393, 0.4525, 0.3273



78.8446, 0.2484, 0.3312

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.



36.3393, 0.1777, 0.2445



36.3393, 0.4525, 0.3273



36.3393, 0.2318, 0.3900

Square

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



36.3393, 0.4525, 0.3273



36.3393, 0.3741, 0.4728



36.3393, 0.1895, 0.3060



36.3393, 0.2401, 0.2125

Rectangle

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



36.3393, 0.4525, 0.3273



36.3393, 0.4515, 0.4222



36.3393, 0.1895, 0.3060



36.3393, 0.1860, 0.2212

Sweetspot

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



36.3412, 0.4525, 0.3273



75.7862, 0.3405, 0.3285



41.2722, 0.3165, 0.2081



15.5806, 0.3452, 0.3284



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.



36.3412, 0.4525, 0.3273



31.7724, 0.4997, 0.3272



56.2984, 0.4189, 0.3923



17.2298, 0.3292, 0.3287



10.7872, 0.6384, 0.3290



1.0006, 0.6342, 0.3268

Inverse Universe

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



36.3412, 0.4525, 0.3273



31.7724, 0.4997, 0.3272



47.6277, 0.2329, 0.2534



17.2298, 0.3292, 0.3287



10.7872, 0.6384, 0.3290



1.0006, 0.6342, 0.3268

Previews

White Background



This preview shows how the Yxy color 36.3393, 0.4525, 0.3273 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 36.3393, 0.4525, 0.3273 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 36.3393, 0.4525, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 36.3393, 0.4525, 0.3273.



This preview shows how white text looks on a background with the Yxy color 36.3393, 0.4525, 0.3273.

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

36.3393, 0.4525, 0.3273

Protanopia

36.4310, 0.3359, 0.3536

Deuteranopia

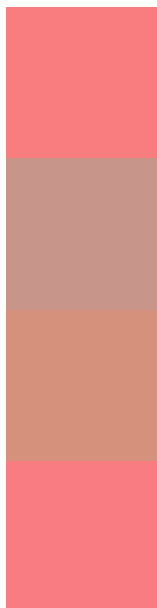
36.3885, 0.3829, 0.3751



Tritanopia

36.2485, 0.4459, 0.3200

Trichromacy



Original Color

36.3393, 0.4525, 0.3273

Protanomaly

35.4720, 0.3768, 0.3437

Deuteranomaly

35.8522, 0.4085, 0.3554

Tritanomaly

36.1937, 0.4483, 0.3221

Monochromacy



Original Color

36.3393, 0.4525, 0.3273

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1342, 0.3599, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3393, 0.4525, 0.3273 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(249, 125, 127)` looks like.

```
.text, #text, p{  
    color:rgb(249, 125, 127)  
}
```

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(249, 125, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 125, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.3393, 0.4525, 0.3273 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(249, 125, 127) }
```

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

```
.border{ border-color:rgb(249, 125, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 125, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 125, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 125, 127);  
box-shadow:4px 4px 4px 4px rgb(249, 125,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3393, 0.4525, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 125, 127) }
```

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

```
.background{ background-color: rgb(249,  
125, 127) }
```

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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