

Converting Colors

$Y_{xy}(46.0085, 0.4044, 0.3155)$

Have a look what the booklet for
Yxy(46.0085, 0.4044, 0.3155)
contains.

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Color

Yxy(46.0736, 0.4042, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FF97A4
RGB	255, 151, 164
RGB Percent	100%, 59%, 64%
CMY	0.0000, 0.4078, 0.3569
CMYK	0.00, 0.41, 0.36, 0.00
HSL	353°, 100%, 80%
HSV	353°, 41%, 100%
XYZ	59.0081, 46.0736, 40.9056
YIQ	183.5780, 57.8110, 26.0910

Conversions

Conversions Part 2

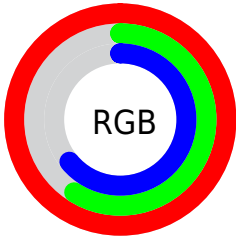
Format	Color
R _Y B	255, 151, 164
Decimal	16750500
CIE Lab	73.59, 40.36, 10.16
CIE LCh	74, 41.622, 14.127
Yxy	46.0736, 0.4042, 0.3156
Android (android.graphics.Color)	4294940580 (0xFFFF97A4)
YUV	183.5780, -9.6520, 62.6371
Hunter-Lab	67.8775, 36.3900, 11.7838

Details

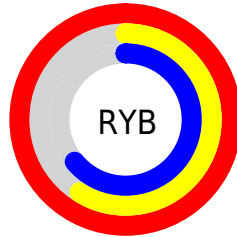
The Yxy color **46.0736, 0.4042, 0.3156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.5109, 0.2624, 0.3436**, and the grayscale version is **47.7195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0001, 0.3407, 0.3169**, and **21.6410, 0.4317, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **37.9993, 0.4404, 0.3128**, and if you desaturate by 10%, it is **56.0680, 0.3740, 0.3189**.

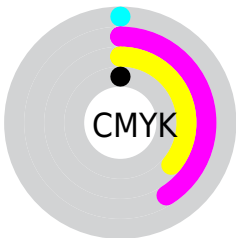
Distribution



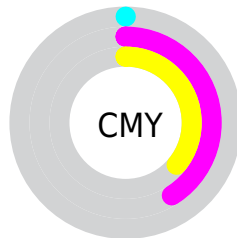
- Red (100%)
- Green (59%)
- Blue (64%)



- Red (100%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (41%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0736, 0.4042, 0.3156 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 46.0736, 0.4042, 0.3156 by changing the saturation by 10% instead.


 46.0736, 0.4042,
0.3156


 46.0736, 0.4042,
0.3156


371.1045, 0.3580,
0.3234

 32.3039, 0.4158,
0.3133


 84.3291, 0.3874,
0.3187

 21.5937, 0.4307,
0.3103


 109.5838, 0.3810,
0.3198

 13.5587, 0.4504,
0.3059


139.4355, 0.3757,
0.3206

 7.8144, 0.4778,
0.2992

174.2687, 0.3712,
0.3214

 3.9764, 0.5181,
0.2883

214.4678, 0.3672,
0.3220

 1.6604, 0.5817,
0.2683

260.4172, 0.3638,

 0.3978, 0.7880,

0.3225

0.2120

312.5013, 0.3607,
0.3230

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.0736, 0.4042,
0.3156

46.0736, 0.4042,
0.3156

37.9993, 0.4404,
0.3128

56.0680, 0.3740,
0.3189

31.7164, 0.4820,
0.3110

68.0889, 0.3495,
0.3223

27.0896, 0.5267,
0.3110

82.2415, 0.3297,
0.3256

23.9617, 0.5699,
0.3132

98.6224, 0.3138,
0.3288

■ 22.1450, 0.6054,
0.3178

100.0000, 0.3127,
0.3290

■ 21.3636, 0.6273,
0.3229

Harmonies

Analogous

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



46.0736, 0.3524, 0.2758



46.0736, 0.4042, 0.3156



46.0736, 0.4287, 0.3607

Triad

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



46.0736, 0.4042, 0.3156



46.0736, 0.3237, 0.4304



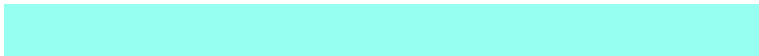
46.0736, 0.2149, 0.2474

Complementary

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



46.0736, 0.4042, 0.3156



84.5109, 0.2624, 0.3436

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.



46.0736, 0.2091, 0.2801



46.0736, 0.4042, 0.3156



46.0736, 0.2684, 0.3922

Square

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



46.0736, 0.4042, 0.3156



46.0736, 0.3788, 0.4317



46.0736, 0.2275, 0.3333



46.0736, 0.2439, 0.2374

Rectangle

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



46.0736, 0.4042, 0.3156



46.0736, 0.4254, 0.3900



46.0736, 0.2275, 0.3333



46.0736, 0.2103, 0.2557

Sweetspot

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



46.0755, 0.4042, 0.3156



80.4005, 0.3319, 0.3253



48.0795, 0.3059, 0.2247



16.7942, 0.3343, 0.3248



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.



46.0755, 0.4042, 0.3156



39.3035, 0.4335, 0.3132



59.9487, 0.4005, 0.3691



18.0240, 0.3275, 0.3261



11.1743, 0.6247, 0.3215



1.0991, 0.6001, 0.3080

Inverse Universe

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



46.0755, 0.4042, 0.3156



39.3035, 0.4335, 0.3132



63.3580, 0.2495, 0.2843



18.0240, 0.3275, 0.3261



11.1743, 0.6247, 0.3215



1.0991, 0.6001, 0.3080

Previews

White Background



This preview shows how the Yxy color 46.0736, 0.4042, 0.3156 looks on a white background.

Color Contrast Check

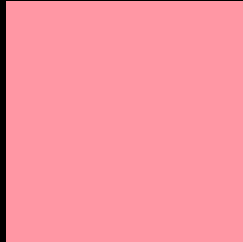
Large Text (above 18pt) WCAG AA × Fail

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 46.0736, 0.4042, 0.3156 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 46.0736, 0.4042, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 46.0736, 0.4042, 0.3156.



This preview shows how white text looks on a background with the Yxy color 46.0736, 0.4042, 0.3156.

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

46.0736, 0.4042, 0.3156

Protanopia

46.2521, 0.3170, 0.3290

Deuteranopia

46.3198, 0.3539, 0.3478



Tritanopia

46.0019, 0.4063, 0.3177

Trichromacy



Original Color

46.0736, 0.4042, 0.3156



Protanomaly

45.1336, 0.3464, 0.3230



Deuteranomaly

45.6929, 0.3726, 0.3351



Tritanomaly

46.0376, 0.4052, 0.3167

Monochromacy



Original Color

46.0736, 0.4042, 0.3156



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.3810, 0.3431, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0736, 0.4042, 0.3156 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(255, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 164)  
}
```

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(255, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 164) }
```

Border

The CSS property to change the border of an element to Yxy 46.0736, 0.4042, 0.3156 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(255, 151, 164) }
```

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

```
.border{ border-color:rgb(255, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0736, 0.4042, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 164) }
```

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

```
.background{ background-color: rgb(255,  
151, 164) }
```

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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