

Converting Colors

$Y_{xy}(58.2262, 0.4546, 0.3203)$

Have a look what the booklet for
Yxy(58.2262, 0.4546, 0.3203)
contains.

Yxy(46.0019, 0.4063, 0.3177)	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(46.0019, 0.4063, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FF97A2
RGB	255, 151, 162
RGB Percent	100%, 59%, 64%
CMY	0.0000, 0.4078, 0.3647
CMYK	0.00, 0.41, 0.36, 0.00
HSL	354°, 100%, 80%
HSV	354°, 41%, 100%
XYZ	58.8309, 46.0019, 39.9639
YIQ	183.3500, 58.4530, 25.4690

Conversions

Conversions Part 2

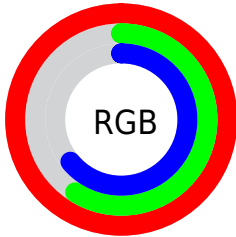
Format	Color
R _Y B	255, 151, 162
Decimal	16750498
CIE Lab	73.55, 40.14, 11.19
CIE LCh	74, 41.668, 15.584
Yxy	46.0019, 0.4063, 0.3177
Android (android.graphics.Color)	4294940578 (0xFFFF97A2)
YUV	183.3500, -10.5255, 62.8371
Hunter-Lab	67.8247, 36.1370, 12.5423

Details

The Yxy color **46.0019, 0.4063, 0.3177** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.6308, 0.2615, 0.3413**, and the grayscale version is **47.5910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8954, 0.3422, 0.3189**, and **21.6188, 0.4332, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **37.9247, 0.4433, 0.3154**, and if you desaturate by 10%, it is **56.0025, 0.3754, 0.3205**.

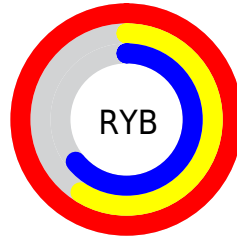
Distribution



Red (100%)

Green (59%)

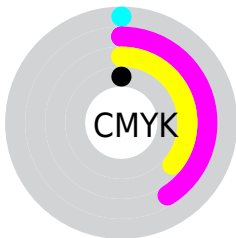
Blue (64%)



Red (100%)

Yellow (59%)

Blue (64%)

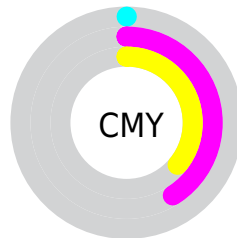


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0019, 0.4063, 0.3177 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 46.0019, 0.4063, 0.3177 by changing the saturation by 10% instead.


 46.0019, 0.4063,
0.3177

 46.0019, 0.4063,
0.3177


370.8163, 0.3590,
0.3246

 32.2473, 0.4182,
0.3156


 84.2218, 0.3890,
0.3205

 21.5505, 0.4334,
0.3128


 109.4560, 0.3826,
0.3214

 13.5270, 0.4536,
0.3087


139.2855, 0.3771,
0.3222

 7.7924, 0.4817,
0.3023

174.0946, 0.3725,
0.3228

 3.9624, 0.5228,
0.2917

214.2679, 0.3684,
0.3234

 1.6526, 0.5881,
0.2720

260.1897, 0.3649,

 0.3926, 0.7885,

0.3238

0.2115

312.2443, 0.3618,
0.3242

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.0019, 0.4063,
0.3177

46.0019, 0.4063,
0.3177

37.9247, 0.4433,
0.3154

56.0025, 0.3754,
0.3205

31.6450, 0.4859,
0.3140

68.0367, 0.3503,
0.3234

27.0259, 0.5314,
0.3141

82.2093, 0.3300,
0.3262

23.9092, 0.5748,
0.3161

98.6170, 0.3138,
0.3288

■ 22.1063, 0.6096,
0.3202

100.0000, 0.3127,
0.3290

■ 21.3391, 0.6303,
0.3246

Harmonies

Analogous

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



46.0019, 0.3554, 0.2775



46.0019, 0.4063, 0.3177



46.0019, 0.4292, 0.3629

Triad

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



46.0019, 0.4063, 0.3177



46.0019, 0.3209, 0.4295



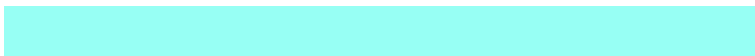
46.0019, 0.2157, 0.2462

Complementary

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



46.0019, 0.4063, 0.3177



84.6308, 0.2615, 0.3413

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.



46.0019, 0.2087, 0.2779



46.0019, 0.4063, 0.3177



46.0019, 0.2659, 0.3897

Square

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



46.0019, 0.4063, 0.3177



46.0019, 0.3765, 0.4326



46.0019, 0.2259, 0.3304



46.0019, 0.2458, 0.2373

Rectangle

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



46.0019, 0.4063, 0.3177



46.0019, 0.4248, 0.3921



46.0019, 0.2259, 0.3304



46.0019, 0.2107, 0.2542

Sweetspot

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



46.0026, 0.4063, 0.3177



80.3679, 0.3323, 0.3258



48.3847, 0.3073, 0.2252



16.7866, 0.3347, 0.3255



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.



46.0026, 0.4063, 0.3177



39.2300, 0.4363, 0.3157



60.6983, 0.3997, 0.3709



18.0183, 0.3278, 0.3265



11.1602, 0.6279, 0.3233



1.0964, 0.6058, 0.3111

Inverse Universe

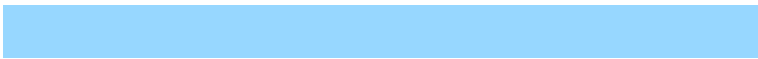
The Inverse Universe completely reimagines the original color for something new.



46.0026, 0.4063, 0.3177



39.2300, 0.4363, 0.3157



62.4686, 0.2491, 0.2822



18.0183, 0.3278, 0.3265



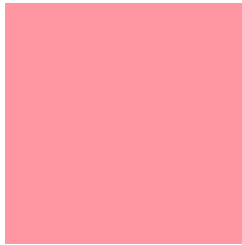
11.1602, 0.6279, 0.3233



1.0964, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 46.0019, 0.4063, 0.3177 looks on a white background.

Color Contrast Check

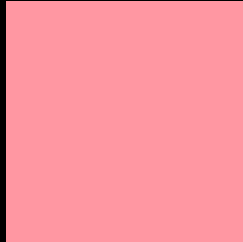
Large Text (above 18pt) WCAG AA × Fail

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 46.0019, 0.4063, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

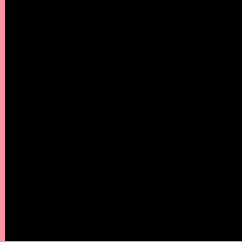
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0019, 0.4063, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 46.0019, 0.4063, 0.3177.



This preview shows how white text looks on a background with the Yxy color 46.0019, 0.4063, 0.3177.

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

46.0019, 0.4063, 0.3177

Protanopia

46.1712, 0.3186, 0.3316

Deuteranopia

46.0061, 0.3569, 0.3491



Tritanopia

46.0019, 0.4063, 0.3177

Trichromacy



Original Color

46.0019, 0.4063, 0.3177



Protanomaly

45.0561, 0.3482, 0.3254



Deuteranomaly

45.6229, 0.3745, 0.3375



Tritanomaly

46.0019, 0.4063, 0.3177

Monochromacy



Original Color

46.0019, 0.4063, 0.3177



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.7763, 0.3442, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0019, 0.4063, 0.3177 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 162) }
```

Border

The CSS property to change the border of an element to Yxy 46.0019, 0.4063, 0.3177 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, 162) }
```

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

```
.border{ border-color:rgb(255, 151, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0019, 0.4063, 0.3177 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
151, 162) }
```

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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