

Converting Colors

$Yxy(46.1937, 0.4189, 0.3601)$

Have a look what the booklet for
Yxy(46.1937, 0.4189, 0.3601)
contains.

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Color

Yxy(46.0604, 0.4190, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	F2A185
RGB	242, 161, 133
RGB Percent	95%, 63%, 52%
CMY	0.0510, 0.3686, 0.4784
CMYK	0.00, 0.33, 0.45, 0.05
HSL	15°, 81%, 74%
HSV	15°, 45%, 95%
XYZ	53.5943, 46.0604, 28.2553
YIQ	182.0270, 57.2640, 8.4640

Conversions

Conversions Part 2

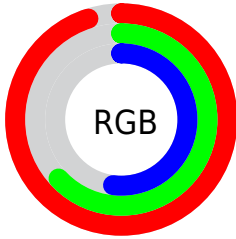
Format	Color
R _Y B	242, 171, 133
Decimal	15901061
CIE Lab	73.58, 26.94, 26.89
CIE LCh	74, 38.059, 44.950
Yxy	46.0604, 0.4190, 0.3601
Android (android.graphics.Color)	4294091141 (0xFFFF2A185)
YUV	182.0270, -24.1703, 52.5963
Hunter-Lab	67.8678, 22.1904, 22.8233

Details

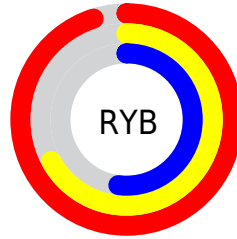
The Yxy color **46.0604, 0.4190, 0.3601** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4801, 0.2461, 0.2943**, and the grayscale version is **46.9066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9169, 0.3635, 0.3599**, and **21.6291, 0.4490, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **39.6297, 0.4543, 0.3660**, and if you desaturate by 10%, it is **53.5533, 0.3881, 0.3532**.

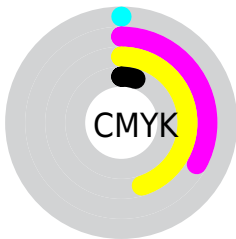
Distribution



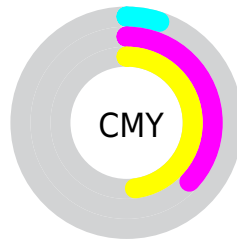
- Red (95%)
- Green (63%)
- Blue (52%)



- Red (95%)
- Yellow (67%)
- Blue (52%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (5%)



- Cyan (5%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0604, 0.4190, 0.3601 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 46.0604, 0.4190, 0.3601 by changing the saturation by 10% instead.


 46.0604, 0.4190,
0.3601


 46.0604, 0.4190,
0.3601


371.0514, 0.3654,
0.3469


 32.2935, 0.4323,
0.3625


 84.3094, 0.3995,
0.3559

 21.5858, 0.4492,
0.3651


 109.5602, 0.3922,
0.3542

 13.5528, 0.4713,
0.3676


 139.4079, 0.3860,
0.3526

 7.8103, 0.5012,
0.3693

174.2367, 0.3807,
0.3512

 3.9738, 0.5429,
0.3680

214.4310, 0.3761,
0.3500

 1.6589, 0.6281,
0.3719

260.3753, 0.3721,

 0.3968, 0.7257,

0.3489

0.2743

312.4540, 0.3685,
0.3479

0.0000, 0.0000,
0.0000

46.0604, 0.4190,
0.3601

46.0604, 0.4190,
0.3601

39.6297, 0.4543,
0.3660

53.5533, 0.3881,
0.3532

34.2054, 0.4928,
0.3698

62.1474, 0.3617,
0.3460

29.7365, 0.5321,
0.3705

71.8881, 0.3394,
0.3389

26.1643, 0.5684,
0.3671

82.8159, 0.3209,
0.3322

23.4229, 0.5974,
0.3594

94.9696, 0.3054,
0.3260

■ 22.3420, 0.6089,
0.3547

■ 97.6158, 0.3047,
0.3290

Harmonies

Analogous

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



46.0604, 0.3973, 0.3182



46.0604, 0.4190, 0.3601



46.0604, 0.4090, 0.3989

Triad

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



46.0604, 0.4190, 0.3601



46.0604, 0.2711, 0.3851



46.0604, 0.2505, 0.2444

Complementary

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



46.0604, 0.4190, 0.3601



59.4801, 0.2461, 0.2943

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.



46.0604, 0.2229, 0.2535



46.0604, 0.4190, 0.3601



46.0604, 0.2336, 0.3318

Square

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



46.0604, 0.4190, 0.3601



46.0604, 0.3219, 0.4205



46.0604, 0.2169, 0.2835



46.0604, 0.2962, 0.2547

Rectangle

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



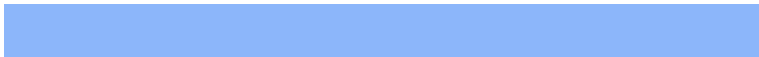
46.0604, 0.4190, 0.3601



46.0604, 0.3870, 0.4177



46.0604, 0.2169, 0.2835



46.0604, 0.2390, 0.2452

Sweetspot

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



46.0627, 0.4190, 0.3601



82.1388, 0.3374, 0.3382



40.5438, 0.3433, 0.2432



17.0429, 0.3418, 0.3397



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.



46.0627, 0.4190, 0.3601



45.2323, 0.4510, 0.3655



69.0397, 0.3916, 0.4154



16.4191, 0.3287, 0.3351



12.1889, 0.6061, 0.3570



1.1691, 0.5806, 0.3772

Inverse Universe

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



59.4801, 0.2461, 0.2943



62.0051, 0.2348, 0.2860



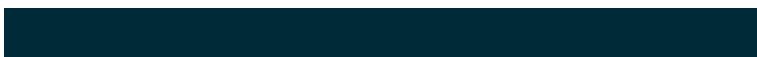
36.6243, 0.2336, 0.2233



17.2011, 0.2981, 0.3228



21.1692, 0.2010, 0.2435



1.9200, 0.2045, 0.2561

Previews

White Background



This preview shows how the Yxy color 46.0604, 0.4190, 0.3601 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 46.0604, 0.4190, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

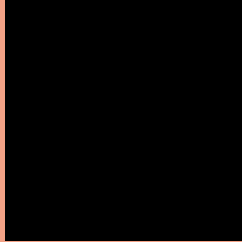
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0604, 0.4190, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 46.0604, 0.4190, 0.3601.



This preview shows how white text looks on a background with the Yxy color 46.0604, 0.4190, 0.3601.

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

46.0604, 0.4190, 0.3601

Protanopia

46.3382, 0.3558, 0.3799

Deuteranopia

46.3579, 0.3888, 0.3814



Tritanopia

46.0166, 0.3889, 0.3161

Trichromacy



Original Color

46.0604, 0.4190, 0.3601

Protanomaly

45.9851, 0.3779, 0.3724

Deuteranomaly

46.0494, 0.3998, 0.3727

Tritanomaly

46.0534, 0.4004, 0.3326

Monochromacy



Original Color

46.0604, 0.4190, 0.3601

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7898, 0.3487, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0604, 0.4190, 0.3601 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(242, 161, 133)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 133)  
}
```

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(242, 161, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 133) }
```

Border

The CSS property to change the border of an element to Yxy 46.0604, 0.4190, 0.3601 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(242, 161, 133) }
```

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

```
.border{ border-color:rgb(242, 161, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 161, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 133);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0604, 0.4190, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 133) }
```

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

```
.background{ background-color: rgb(242,  
161, 133) }
```

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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