

Converting Colors

Yxy(66.4015, 0.4313, 0.3722)

Have a look what the booklet for
Yxy(66.4015, 0.4313, 0.3722)
contains.

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Color

Yxy(60.1005, 0.4059, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE90
RGB	255, 190, 144
RGB Percent	100%, 75%, 56%
CMY	0.0000, 0.2549, 0.4352
CMYK	0.00, 0.25, 0.44, 0.00
HSL	25°, 100%, 78%
HSV	25°, 44%, 100%
XYZ	64.6905, 60.1005, 34.5845
YIQ	204.1910, 53.5060, -0.5260

Conversions

Conversions Part 2

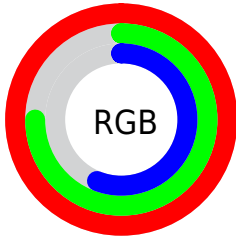
Format	Color
R _Y B	255, 223, 144
Decimal	16760464
CIE Lab	81.89, 17.86, 32.32
CIE LCh	82, 36.929, 61.070
Yxy	60.1005, 0.4059, 0.3771
Android (android.graphics.Color)	4294950544 (0xFFFFBE90)
YUV	204.1910, -29.6742, 44.5595
Hunter-Lab	77.5245, 13.2819, 27.8173

Details

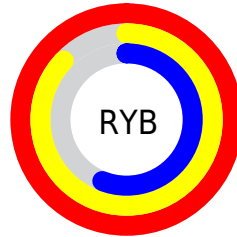
The Yxy color **60.1005, 0.4059, 0.3771** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.7616, 0.2443, 0.2742**, and the grayscale version is **60.6781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2488, 0.3484, 0.3767**, and **30.4174, 0.4288, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **53.2666, 0.4353, 0.3872**, and if you desaturate by 10%, it is **67.7767, 0.3794, 0.3659**.

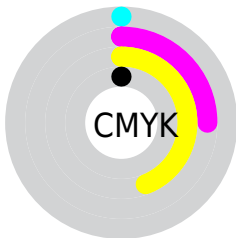
Distribution



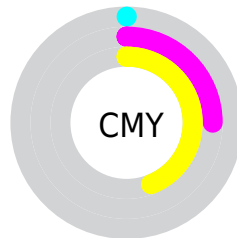
- Red (100%)
- Green (75%)
- Blue (56%)



- Red (100%)
- Yellow (87%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1005, 0.4059, 0.3771 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 60.1005, 0.4059, 0.3771 by changing the saturation by 10% instead.


 60.1005, 0.4059,
0.3771


 60.1005, 0.4059,
0.3771


424.9681, 0.3612,
0.3560

 43.4996, 0.4163,
0.3815

 104.9754, 0.3902,
0.3701

 30.2773, 0.4292,
0.3865


 134.0183, 0.3841,
0.3673

 20.0492, 0.4455,
0.3924


167.9773, 0.3790,
0.3648

 12.4308, 0.4667,
0.3990

207.2369, 0.3745,
0.3626

 7.0378, 0.4947,
0.4057

252.1813, 0.3705,
0.3607

 3.4857, 0.5392,
0.4155

303.1951, 0.3671,

 1.3903, 0.5902,

0.3589

0.4098

360.6625, 0.3640,
0.3574

0.2095, 0.7520,
0.2480

0.0000, 0.0000,
0.0000

60.1005, 0.4059,
0.3771

60.1005, 0.4059,
0.3771

53.2666, 0.4353,
0.3872

67.7767, 0.3794,
0.3659

47.2383, 0.4667,
0.3950

76.3203, 0.3560,
0.3545

41.9828, 0.4986,
0.3993

85.7610, 0.3357,
0.3433

37.4626, 0.5288,
0.3988

96.1258, 0.3183,
0.3326

■ 33.6354, 0.5547,
0.3928

100.0000, 0.3127,
0.3290

■ 31.4965, 0.5689,
0.3865

Harmonies

Analogous

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



60.1005, 0.4015, 0.3401



60.1005, 0.4059, 0.3771



60.1005, 0.3837, 0.4057

Triad

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



60.1005, 0.4059, 0.3771



60.1005, 0.2557, 0.3541



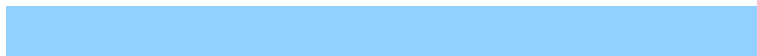
60.1005, 0.2777, 0.2559

Complementary

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



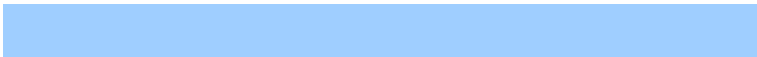
60.1005, 0.4059, 0.3771



58.7616, 0.2443, 0.2742

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.



60.1005, 0.2433, 0.2547



60.1005, 0.4059, 0.3771



60.1005, 0.2313, 0.3074

Square

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



60.1005, 0.4059, 0.3771



60.1005, 0.2962, 0.3958



60.1005, 0.2271, 0.2720



60.1005, 0.3242, 0.2733

Rectangle

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



60.1005, 0.4059, 0.3771



60.1005, 0.3580, 0.4145



60.1005, 0.2271, 0.2720



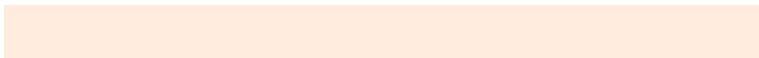
60.1005, 0.2644, 0.2535

Sweetspot

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



60.1022, 0.4059, 0.3771



86.2779, 0.3348, 0.3427



45.8966, 0.3581, 0.2612



18.0019, 0.3389, 0.3451



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.



60.1022, 0.4059, 0.3771



54.2534, 0.4306, 0.3858



87.9168, 0.3820, 0.4273



19.2234, 0.3284, 0.3389



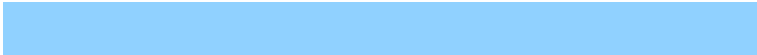
16.7353, 0.5660, 0.3888



1.8388, 0.5455, 0.4050

Inverse Universe

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



58.7616, 0.2443, 0.2742



52.7237, 0.2319, 0.2612



36.6337, 0.2327, 0.2065



19.1458, 0.2979, 0.3189



15.3634, 0.1853, 0.1869



1.7115, 0.1902, 0.2047

Previews

White Background



This preview shows how the Yxy color 60.1005, 0.4059, 0.3771 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 60.1005, 0.4059, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

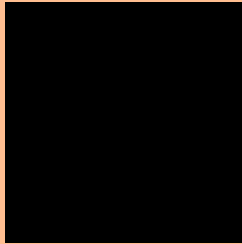
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1005, 0.4059, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 60.1005, 0.4059, 0.3771.



This preview shows how white text looks on a background with the Yxy color 60.1005, 0.4059, 0.3771.

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

60.1005, 0.4059, 0.3771

Protanopia

60.4478, 0.3649, 0.3917

Deuteranopia

60.0681, 0.3942, 0.3854



Tritanopia

60.0351, 0.3616, 0.3156

Trichromacy



Original Color

60.1005, 0.4059, 0.3771

Protanomaly

60.1408, 0.3792, 0.3863

Deuteranomaly

59.8973, 0.3985, 0.3826

Tritanomaly

60.0150, 0.3783, 0.3386

Monochromacy



Original Color

60.1005, 0.4059, 0.3771

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9122, 0.3449, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1005, 0.4059, 0.3771 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, 190, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 144)  
}
```

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, 190, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 144) }
```

Border

The CSS property to change the border of an element to Yxy 60.1005, 0.4059, 0.3771 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, 190, 144) }
```

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

```
.border{ border-color:rgb(255, 190, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1005, 0.4059, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 144) }
```

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

```
.background{ background-color: rgb(255,  
190, 144) }
```

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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