

Converting Colors

$Y_{xy}(100.0000, 0.5029, 0.3546)$

Have a look what the booklet for
Yxy(100.0000, 0.5029, 0.3546)
contains.

Yxy(60.6915, 0.4013, 0.3730)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6915, 0.4013, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF95
RGB	255, 191, 149
RGB Percent	100%, 75%, 58%
CMY	0.0000, 0.2510, 0.4155
CMYK	0.00, 0.25, 0.42, 0.00
HSL	24°, 100%, 79%
HSV	24°, 42%, 100%
XYZ	65.2962, 60.6915, 36.7241
YIQ	205.3480, 51.6260, 0.5060

Conversions

Conversions Part 2

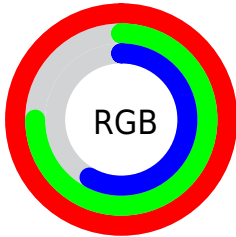
Format	Color
R _Y B	255, 219, 149
Decimal	16760725
CIE Lab	82.21, 17.85, 30.11
CIE LCh	82, 35.009, 59.338
Yxy	60.6915, 0.4013, 0.3730
Android (android.graphics.Color)	4294950805 (0xFFFFBF95)
YUV	205.3480, -27.7796, 43.5448
Hunter-Lab	77.9047, 13.2773, 26.5842

Details

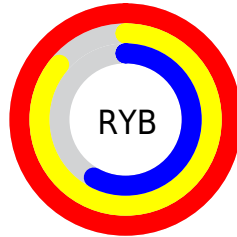
The Yxy color **60.6915, 0.4013, 0.3730** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.2160, 0.2477, 0.2795**, and the grayscale version is **61.4426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0933, 0.3450, 0.3726**, and **30.5089, 0.4235, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **53.5991, 0.4307, 0.3829**, and if you desaturate by 10%, it is **68.6743, 0.3750, 0.3622**.

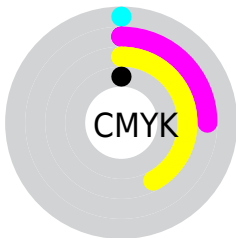
Distribution



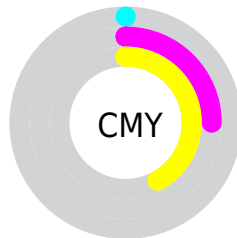
- Red (100%)
- Green (75%)
- Blue (58%)



- Red (100%)
- Yellow (86%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6915, 0.4013, 0.3730 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 60.6915, 0.4013, 0.3730 by changing the saturation by 10% instead.


 60.6915, 0.4013,
0.3730

 60.6915, 0.4013,
0.3730


427.1420, 0.3588,
0.3537

 43.9762, 0.4112,
0.3770


 105.8321, 0.3863,
0.3666

 30.6518, 0.4236,
0.3817


 135.0263, 0.3806,
0.3640

 20.3339, 0.4392,
0.3872


169.1489, 0.3757,
0.3617

 12.6380, 0.4596,
0.3935

208.5843, 0.3714,
0.3597

 7.1797, 0.4869,
0.4001

253.7169, 0.3677,
0.3580

 3.5748, 0.5273,
0.4074

304.9311, 0.3644,

 1.4387, 0.5891,

0.3564

0.4109

362.6113, 0.3614,
0.3549

0.2450, 0.7319,
0.2681

0.0000, 0.0000,
0.0000

60.6915, 0.4013,
0.3730

60.6915, 0.4013,
0.3730

53.5991, 0.4307,
0.3829

68.6743, 0.3750,
0.3622

47.3548, 0.4626,
0.3909

77.5702, 0.3520,
0.3512

41.9257, 0.4955,
0.3955

87.4119, 0.3321,
0.3406

37.2724, 0.5271,
0.3957

98.2278, 0.3151,
0.3305

■ 33.3513, 0.5548,
0.3904

99.9986, 0.3127,
0.3290

■ 30.5652, 0.5741,
0.3824

Harmonies

Analogous

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



60.6915, 0.3955, 0.3377



60.6915, 0.4013, 0.3730



60.6915, 0.3818, 0.4005

Triad

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



60.6915, 0.4013, 0.3730



60.6915, 0.2606, 0.3553



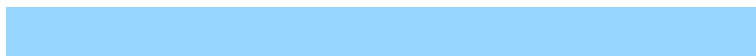
60.6915, 0.2773, 0.2590

Complementary

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



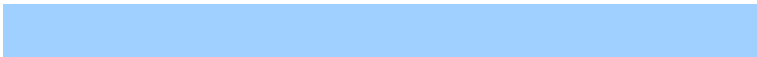
60.6915, 0.4013, 0.3730



61.2160, 0.2477, 0.2795

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.



60.6915, 0.2455, 0.2590



60.6915, 0.4013, 0.3730



60.6915, 0.2363, 0.3112

Square

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



60.6915, 0.4013, 0.3730



60.6915, 0.2997, 0.3935



60.6915, 0.2311, 0.2767



60.6915, 0.3210, 0.2748

Rectangle

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



60.6915, 0.4013, 0.3730



60.6915, 0.3581, 0.4094



60.6915, 0.2311, 0.2767



60.6915, 0.2650, 0.2571

Sweetspot

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



60.6944, 0.4013, 0.3730



86.9543, 0.3330, 0.3410



47.6414, 0.3536, 0.2625



18.3261, 0.3354, 0.3424



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.



60.6944, 0.4013, 0.3730



54.6459, 0.4260, 0.3815



87.3109, 0.3796, 0.4216



19.1674, 0.3284, 0.3385



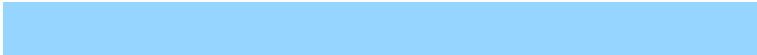
16.2432, 0.5712, 0.3847



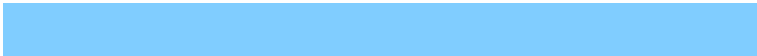
1.7876, 0.5502, 0.4013

Inverse Universe

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



61.2160, 0.2477, 0.2795



55.1946, 0.2353, 0.2673



39.2441, 0.2372, 0.2151



19.2031, 0.2979, 0.3194



16.1486, 0.1871, 0.1934



1.7858, 0.1918, 0.2104

Previews

White Background



This preview shows how the Yxy color 60.6915, 0.4013, 0.3730 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 60.6915, 0.4013, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

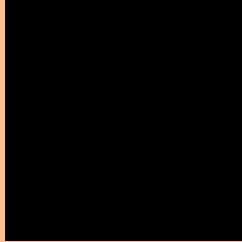
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6915, 0.4013, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 60.6915, 0.4013, 0.3730.



This preview shows how white text looks on a background with the Yxy color 60.6915, 0.4013, 0.3730.

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

60.6915, 0.4013, 0.3730

Protanopia

61.0893, 0.3609, 0.3870

Deuteranopia

60.6727, 0.3898, 0.3812



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.6915, 0.4013, 0.3730

Protanomaly

60.7643, 0.3750, 0.3818

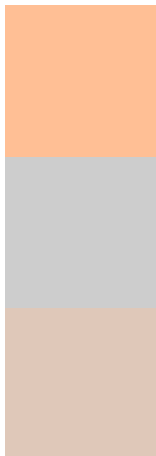
Deuteranomaly

60.4958, 0.3941, 0.3784

Tritanomaly

60.5626, 0.3754, 0.3365

Monochromacy



Original Color

60.6915, 0.4013, 0.3730

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4993, 0.3424, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6915, 0.4013, 0.3730 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, 191, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 149)  
}
```

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, 191, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 149) }
```

Border

The CSS property to change the border of an element to Yxy 60.6915, 0.4013, 0.3730 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, 191, 149) }
```

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

```
.border{ border-color:rgb(255, 191, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6915, 0.4013, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 149) }
```

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

```
.background{ background-color: rgb(255,  
191, 149) }
```

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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