

Converting Colors

$Y_{xy}(69.5302, 0.4382, 0.3655)$

Have a look what the booklet for
Yxy(69.5302, 0.4382, 0.3655)
contains.

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Color

Yxy(60.2568, 0.4018, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE95
RGB	255, 190, 149
RGB Percent	100%, 75%, 58%
CMY	0.0000, 0.2549, 0.4156
CMYK	0.00, 0.25, 0.42, 0.00
HSL	23°, 100%, 79%
HSV	23°, 42%, 100%
XYZ	65.0838, 60.2568, 36.6400
YIQ	204.7610, 51.9010, 1.0290

Conversions

Conversions Part 2

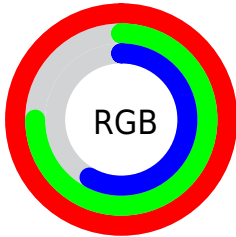
Format	Color
R _Y B	255, 216, 149
Decimal	16760469
CIE Lab	81.98, 18.39, 29.82
CIE LCh	82, 35.030, 58.337
Yxy	60.2568, 0.4018, 0.3720
Android (android.graphics.Color)	4294950549 (0xFFFFBE95)
YUV	204.7610, -27.4902, 44.0596
Hunter-Lab	77.6253, 13.8167, 26.3521

Details

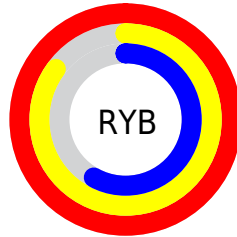
The Yxy color **60.2568, 0.4018, 0.3720** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.7131, 0.2479, 0.2807**, and the grayscale version is **61.0432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4833, 0.3452, 0.3717**, and **30.2259, 0.4242, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **53.1138, 0.4315, 0.3817**, and if you desaturate by 10%, it is **68.3044, 0.3753, 0.3614**.

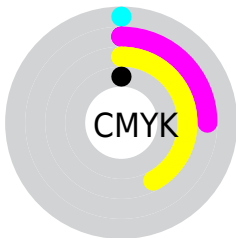
Distribution



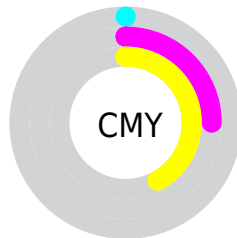
- Red (100%)
- Green (75%)
- Blue (58%)



- Red (100%)
- Yellow (85%)
- 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 60.2568, 0.4018, 0.3720 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 60.2568, 0.4018, 0.3720 by changing the saturation by 10% instead.

 60.2568, 0.4018,
0.3720


 60.2568, 0.4018,
0.3720

425.5437, 0.3590,
0.3531

 43.6257, 0.4118,
0.3759


 105.2021, 0.3867,
0.3657

 30.3763, 0.4243,
0.3805


 134.2850, 0.3809,
0.3632

 20.1244, 0.4401,
0.3858


168.2874, 0.3760,
0.3610

 12.4855, 0.4608,
0.3918

207.5935, 0.3717,
0.3591

 7.0752, 0.4885,
0.3981

252.5878, 0.3679,
0.3573

 3.5092, 0.5298,
0.4050

303.6547, 0.3646,

 1.4030, 0.5927,

0.3558

0.4073

361.1785, 0.3616,
0.3544

0.2189, 0.7501,
0.2499

0.0000, 0.0000,
0.0000

60.2568, 0.4018,
0.3720

60.2568, 0.4018,
0.3720

53.1138, 0.4315,
0.3817

68.3044, 0.3753,
0.3614

46.8418, 0.4638,
0.3894

77.2902, 0.3521,
0.3507

41.4034, 0.4972,
0.3939

87.2446, 0.3322,
0.3403

36.7579, 0.5292,
0.3938

98.1968, 0.3151,
0.3305

■ 32.8604, 0.5573,
0.3884

100.0000, 0.3127,
0.3290

■ 30.1089, 0.5767,
0.3803

Harmonies

Analogous

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



60.2568, 0.3951, 0.3365



60.2568, 0.4018, 0.3720



60.2568, 0.3830, 0.4000

Triad

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



60.2568, 0.4018, 0.3720



60.2568, 0.2616, 0.3568



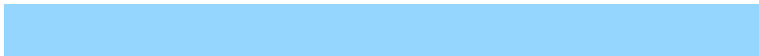
60.2568, 0.2759, 0.2586

Complementary

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



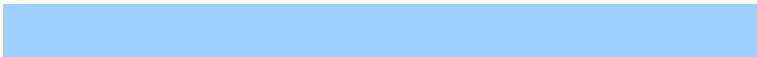
60.2568, 0.4018, 0.3720



61.7131, 0.2479, 0.2807

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.



60.2568, 0.2445, 0.2591



60.2568, 0.4018, 0.3720



60.2568, 0.2366, 0.3125

Square

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



60.2568, 0.4018, 0.3720



60.2568, 0.3012, 0.3947



60.2568, 0.2307, 0.2774



60.2568, 0.3195, 0.2739

Rectangle

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



60.2568, 0.4018, 0.3720



60.2568, 0.3595, 0.4095



60.2568, 0.2307, 0.2774



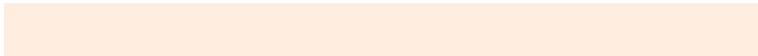
60.2568, 0.2637, 0.2568

Sweetspot

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



60.2565, 0.4018, 0.3720



86.7884, 0.3330, 0.3408



47.6339, 0.3536, 0.2625



18.2872, 0.3355, 0.3421



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.



60.2565, 0.4018, 0.3720



54.1715, 0.4267, 0.3803



87.3134, 0.3796, 0.4217



19.1387, 0.3285, 0.3382



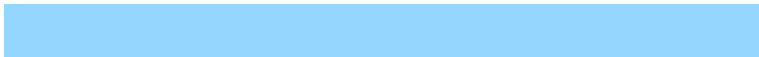
16.0001, 0.5738, 0.3826



1.7621, 0.5527, 0.3994

Inverse Universe

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



61.7131, 0.2479, 0.2807



55.7678, 0.2356, 0.2688



39.2339, 0.2372, 0.2151



19.2327, 0.2979, 0.3196



16.5645, 0.1880, 0.1968



1.8249, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 60.2568, 0.4018, 0.3720 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 60.2568, 0.4018, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

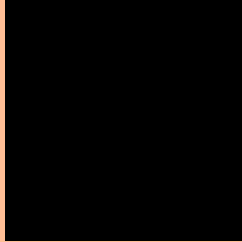
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2568, 0.4018, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 60.2568, 0.4018, 0.3720.



This preview shows how white text looks on a background with the Yxy color 60.2568, 0.4018, 0.3720.

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

60.2568, 0.4018, 0.3720

Protanopia

60.4577, 0.3603, 0.3861

Deuteranopia

60.4952, 0.3890, 0.3813



Tritanopia

60.0351, 0.3616, 0.3156

Trichromacy



Original Color

60.2568, 0.4018, 0.3720

Protanomaly

60.1357, 0.3745, 0.3809

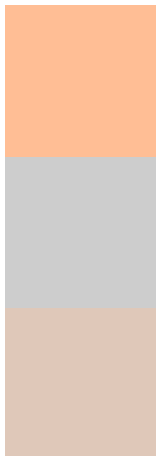
Deuteranomaly

60.4958, 0.3941, 0.3784

Tritanomaly

60.0959, 0.3766, 0.3365

Monochromacy



Original Color

60.2568, 0.4018, 0.3720

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 60.2568, 0.4018, 0.3720 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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, 190, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 149) }
```

Border

The CSS property to change the border of an element to Yxy 60.2568, 0.4018, 0.3720 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, 149) }
```

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

```
.border{ border-color:rgb(255, 190, 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, 190, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2568, 0.4018, 0.3720 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, 149) }
```

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

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