

Converting Colors

Yxy(61.3458, 0.4191, 0.4003)

Have a look what the booklet for
Yxy(61.3458, 0.4191, 0.4003)
contains.

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Color

Yxy(61.2988, 0.4194, 0.4007)

Conversions

Conversions Part 1

Format	Color
Hex	FFC27C
RGB	255, 194, 124
RGB Percent	100%, 76%, 49%
CMY	0.0002, 0.2391, 0.5137
CMYK	0.00, 0.24, 0.51, 0.00
HSL	32°, 100%, 74%
HSV	32°, 51%, 100%
XYZ	64.1595, 61.2988, 27.5210
YIQ	204.2590, 58.8260, -8.8380

Conversions

Conversions Part 2

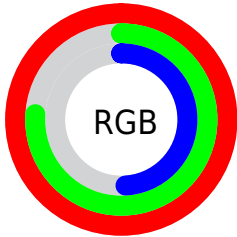
Format	Color
R _Y B	238, 255, 124
Decimal	16761468
CIE Lab	82.54, 13.87, 43.44
CIE LCh	83, 45.602, 72.291
Yxy	61.2988, 0.4194, 0.4007
Android (android.graphics.Color)	4294951548 (0xFFFFC27C)
YUV	204.2590, -39.5677, 44.4999
Hunter-Lab	78.2936, 9.2624, 33.9645

Details

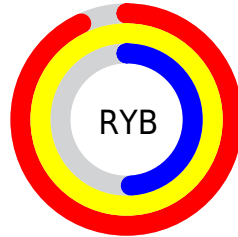
The Yxy color **61.2988, 0.4194, 0.4007** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.1783, 0.2287, 0.2417**, and the grayscale version is **60.7841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8456, 0.3598, 0.4003**, and **30.8393, 0.4445, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **55.6650, 0.4456, 0.4119**, and if you desaturate by 10%, it is **67.5270, 0.3943, 0.3874**.

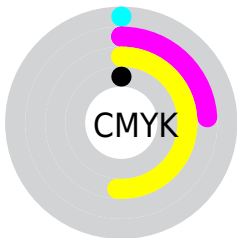
Distribution



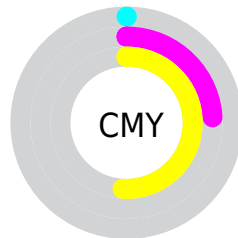
- Red (100%)
- Green (76%)
- Blue (49%)



- Red (93%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2988, 0.4194, 0.4007 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 61.2988, 0.4194, 0.4007 by changing the saturation by 10% instead.

 61.2988, 0.4194,
0.4007


 61.2988, 0.4194,
0.4007


429.3687, 0.3693,
0.3693

 44.4664, 0.4306,
0.4071


 106.7115, 0.4021,
0.3904

 31.0373, 0.4443,
0.4144


 136.0605, 0.3953,
0.3862

 20.6273, 0.4610,
0.4226


 170.3504, 0.3895,
0.3825

 12.8518, 0.4816,
0.4316

209.9658, 0.3844,
0.3792

 7.3266, 0.5069,
0.4399

255.2909, 0.3799,
0.3763

 3.6672, 0.5473,
0.4527

306.7101, 0.3759,

 1.4892, 0.5670,

0.3737

0.4330

364.6080, 0.3724,
0.3714

0.2811, 0.6831,
0.3169

0.0000, 0.0000,
0.0000

61.2988, 0.4194,
0.4007

61.2988, 0.4194,
0.4007

55.6650, 0.4456,
0.4119

67.5270, 0.3943,
0.3874

50.5937, 0.4717,
0.4198

74.3618, 0.3711,
0.3730

46.0626, 0.4963,
0.4230

81.8260, 0.3500,
0.3585

42.0431, 0.5177,
0.4207

89.9385, 0.3313,
0.3443

38.9503, 0.5333,
0.4148

98.7168, 0.3148,
0.3308

99.9925, 0.3127,
0.3290

Harmonies

Analogous

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



61.2988, 0.4278, 0.3579



61.2988, 0.4194, 0.4007



61.2988, 0.3816, 0.4303

Triad

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



61.2988, 0.4194, 0.4007



61.2988, 0.2297, 0.3369



61.2988, 0.2896, 0.2471

Complementary

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



61.2988, 0.4194, 0.4007



46.1783, 0.2287, 0.2417

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.



61.2988, 0.2418, 0.2377



61.2988, 0.4194, 0.4007



61.2988, 0.2099, 0.2830

Square

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



61.2988, 0.4194, 0.4007



61.2988, 0.2717, 0.3951



61.2988, 0.2142, 0.2490



61.2988, 0.3487, 0.2739

Rectangle

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



61.2988, 0.4194, 0.4007



61.2988, 0.3463, 0.4349



61.2988, 0.2142, 0.2490



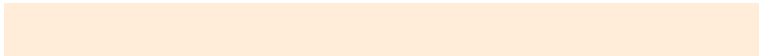
61.2988, 0.2718, 0.2419

Sweetspot

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



61.3018, 0.4194, 0.4007



86.9414, 0.3379, 0.3494



39.1776, 0.3894, 0.2667



18.2420, 0.3418, 0.3524



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.



61.3018, 0.4194, 0.4007



55.3440, 0.4473, 0.4125



93.3845, 0.3848, 0.4548



19.5955, 0.3281, 0.3417



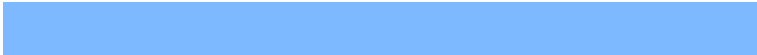
20.6615, 0.5309, 0.4167



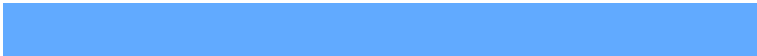
2.2305, 0.5147, 0.4295

Inverse Universe

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



46.1783, 0.2287, 0.2417



38.6820, 0.2124, 0.2195



26.2529, 0.2161, 0.1658



18.7711, 0.2979, 0.3160



10.9168, 0.1739, 0.1460



1.2790, 0.1798, 0.1674

Previews

White Background



This preview shows how the Yxy color 61.2988, 0.4194, 0.4007 looks on a white background.

Color Contrast Check

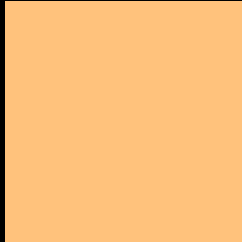
Large Text (above 18pt) WCAG AA × Fail

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 61.2988, 0.4194, 0.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

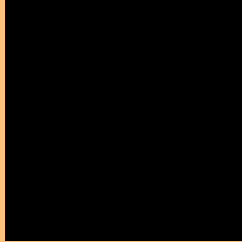
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2988, 0.4194, 0.4007

Background



This preview shows how black text looks on a background with the Yxy color 61.2988, 0.4194, 0.4007.



This preview shows how white text looks on a background with the Yxy color 61.2988, 0.4194, 0.4007.

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

61.2988, 0.4194, 0.4007

Protanopia

61.5484, 0.3843, 0.4171

Deuteranopia

61.2339, 0.4149, 0.4049



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.2988, 0.4194, 0.4007

Protanomaly

61.4355, 0.3962, 0.4110

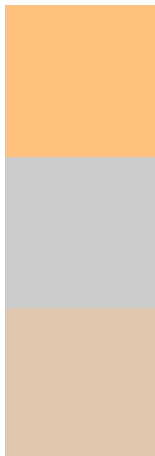
Deuteranomaly

61.1557, 0.4171, 0.4034

Tritanomaly

61.0655, 0.3825, 0.3481

Monochromacy



Original Color

61.2988, 0.4194, 0.4007

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0917, 0.3502, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2988, 0.4194, 0.4007 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, 194, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 124)  
}
```

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, 194, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 124) }
```

Border

The CSS property to change the border of an element to Yxy 61.2988, 0.4194, 0.4007 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, 194, 124) }
```

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

```
.border{ border-color:rgb(255, 194, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2988, 0.4194, 0.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 124) }
```

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

```
.background{ background-color: rgb(255,  
194, 124) }
```

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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