

Converting Colors

$Yxy(62.8317, 0.4287, 0.4199)$

Have a look what the booklet for
Yxy(62.8317, 0.4287, 0.4199)
contains.

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Color

Yxy(62.7097, 0.4289, 0.4196)

Conversions

Conversions Part 1

Format	Color
Hex	FFC66B
RGB	255, 198, 107
RGB Percent	100%, 78%, 42%
CMY	0.0000, 0.2236, 0.5803
CMYK	0.00, 0.22, 0.58, 0.00
HSL	37°, 100%, 71%
HSV	37°, 58%, 100%
XYZ	64.0996, 62.7097, 22.6418
YIQ	204.6690, 63.1830, -16.2170

Conversions

Conversions Part 2

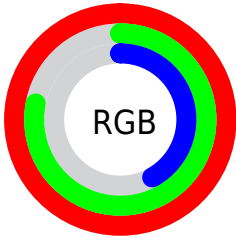
Format	Color
R_{YB}	200, 255, 107
Decimal	16762475
CIE _{Lab}	83.29, 10.50, 52.70
CIE _{LCh}	83, 53.735, 78.731
Yxy	62.7097, 0.4289, 0.4196
Android (android.graphics.Color)	4294952555 (0xFFFFC66B)
YUV	204.6690, -48.1508, 44.1403
Hunter-Lab	79.1895, 5.9046, 38.4804

Details

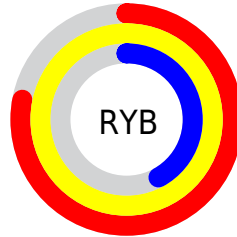
The Yxy color **62.7097, 0.4289, 0.4196** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.9110, 0.2148, 0.2120**, and the grayscale version is **61.1074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3532, 0.3683, 0.4210**, and **31.8245, 0.4544, 0.4359** is the 20% darker color. If you saturate the color by 10%, you get **57.8990, 0.4517, 0.4304**, and if you desaturate by 10%, it is **67.9614, 0.4058, 0.4058**.

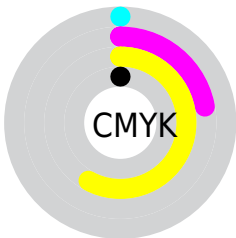
Distribution



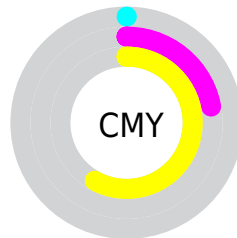
- Red (100%)
- Green (78%)
- Blue (42%)



- Red (78%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7097, 0.4289, 0.4196 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 62.7097, 0.4289, 0.4196 by changing the saturation by 10% instead.


 62.7097, 0.4289,
0.4196

 62.7097, 0.4289,
0.4196


434.5152, 0.3756,
0.3803


 45.6064, 0.4403,
0.4273


 108.7506, 0.4109,
0.4069


 31.9353, 0.4538,
0.4360


 138.4570, 0.4037,
0.4016

 21.3121, 0.4698,
0.4456

 173.1332, 0.3975,
0.3970

 13.3523, 0.4883,
0.4553

 213.1636, 0.3920,
0.3929

 7.6716, 0.5130,
0.4670

258.9326, 0.3872,
0.3892

 3.8855, 0.5324,
0.4676

310.8246, 0.3829,

 1.6097, 0.5471,

0.3859

0.4529

369.2240, 0.3790,
0.3830

0.3642, 0.6233,
0.3767

0.0000, 0.0000,
0.0000

62.7097, 0.4289,
0.4196

62.7097, 0.4289,
0.4196

57.8990, 0.4517,
0.4304

67.9614, 0.4058,
0.4058

53.5223, 0.4731,
0.4370

73.6849, 0.3833,
0.3902

49.5527, 0.4917,
0.4384

79.8924, 0.3623,
0.3738

45.9614, 0.5069,
0.4346

86.5995, 0.3429,
0.3573

45.2914, 0.5097,
0.4335

93.8205, 0.3254,
0.3413

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



62.7097, 0.4482, 0.3714



62.7097, 0.4289, 0.4196



62.7097, 0.3788, 0.4509

Triad

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



62.7097, 0.4289, 0.4196



62.7097, 0.2096, 0.3223



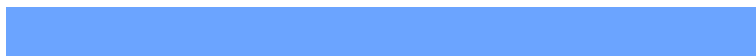
62.7097, 0.2994, 0.2404

Complementary

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



62.7097, 0.4289, 0.4196



36.9110, 0.2148, 0.2120

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.



62.7097, 0.2406, 0.2249



62.7097, 0.4289, 0.4196



62.7097, 0.1935, 0.2639

Square

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



62.7097, 0.4289, 0.4196



62.7097, 0.2522, 0.3935



62.7097, 0.2043, 0.2316



62.7097, 0.3691, 0.2741

Rectangle

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



62.7097, 0.4289, 0.4196



62.7097, 0.3361, 0.4520



62.7097, 0.2043, 0.2316



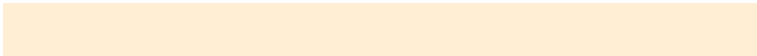
62.7097, 0.2778, 0.2329

Sweetspot

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



62.7054, 0.4289, 0.4196



87.3188, 0.3410, 0.3556



34.5417, 0.4173, 0.2699



18.3904, 0.3447, 0.3589



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.



62.7054, 0.4289, 0.4196



57.0032, 0.4561, 0.4321



91.1428, 0.3853, 0.4719



19.8464, 0.3279, 0.3436



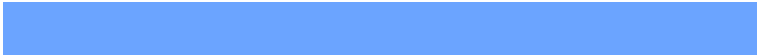
23.9639, 0.5078, 0.4350



2.5451, 0.4950, 0.4452

Inverse Universe

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



36.9110, 0.2148, 0.2120



29.1108, 0.1965, 0.1832



21.8652, 0.2082, 0.1454



18.5251, 0.2979, 0.3140



8.6280, 0.1671, 0.1216



1.0440, 0.1733, 0.1440

Previews

White Background



This preview shows how the Yxy color 62.7097, 0.4289, 0.4196 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 62.7097, 0.4289, 0.4196 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 62.7097, 0.4289, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 62.7097, 0.4289, 0.4196.



This preview shows how white text looks on a background with the Yxy color 62.7097, 0.4289, 0.4196.

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

62.7097, 0.4289, 0.4196

Protanopia

62.8956, 0.3994, 0.4355

Deuteranopia

62.7309, 0.4282, 0.4188



Tritanopia

62.8334, 0.3561, 0.3167

Trichromacy



Original Color

62.7097, 0.4289, 0.4196

Protanomaly

62.4670, 0.4098, 0.4294

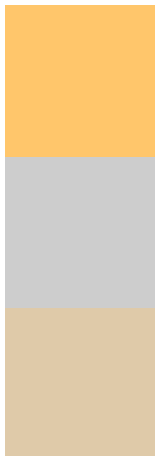
Deuteranomaly

62.7309, 0.4282, 0.4188

Tritanomaly

62.6707, 0.3844, 0.3564

Monochromacy



Original Color

62.7097, 0.4289, 0.4196

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7936, 0.3544, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7097, 0.4289, 0.4196 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, 198, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 107)  
}
```

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, 198, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 107) }
```

Border

The CSS property to change the border of an element to Yxy 62.7097, 0.4289, 0.4196 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, 198, 107) }
```

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

```
.border{ border-color:rgb(255, 198, 107) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7097, 0.4289, 0.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 107) }
```

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

```
.background{ background-color: rgb(255,  
198, 107) }
```

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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