

Converting Colors

$Yxy(62.4817, 0.4208, 0.4225)$

Have a look what the booklet for
Yxy(62.4817, 0.4208, 0.4225)
contains.

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Color

Yxy(62.3691, 0.4205, 0.4222)

Conversions

Conversions Part 1

Format	Color
Hex	F8C86D
RGB	248, 200, 109
RGB Percent	97%, 78%, 43%
CMY	0.0276, 0.2156, 0.5725
CMYK	0.00, 0.19, 0.56, 0.03
HSL	39°, 91%, 70%
HSV	39°, 56%, 97%
XYZ	62.1180, 62.3691, 23.2370
YIQ	203.9780, 57.8190, -18.1250

Conversions

Conversions Part 2

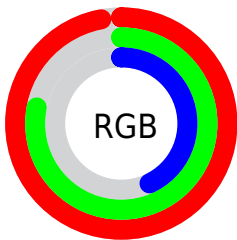
Format	Color
R _Y B	182, 248, 109
Decimal	16304237
CIE Lab	83.11, 6.71, 51.36
CIE LCh	83, 51.796, 82.555
Yxy	62.3691, 0.4205, 0.4222
Android (android.graphics.Color)	4294494317 (0xFFF8C86D)
YUV	203.9780, -46.8242, 38.6073
Hunter-Lab	78.9741, 2.1965, 37.8366

Details

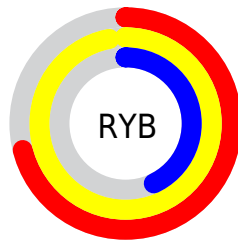
The Yxy color **62.3691, 0.4205, 0.4222** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.1302, 0.2166, 0.2095**, and the grayscale version is **60.6443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **31.6720, 0.4447, 0.4401** is the 20% darker color. If you saturate the color by 10%, you get **58.0573, 0.4418, 0.4345**, and if you desaturate by 10%, it is **67.0593, 0.3988, 0.4071**.

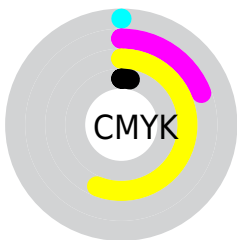
Distribution



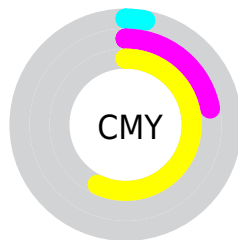
- Red (97%)
- Green (78%)
- Blue (43%)



- Red (71%)
- Yellow (97%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (56%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3691, 0.4205, 0.4222 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 62.3691, 0.4205, 0.4222 by changing the saturation by 10% instead.


 62.3691, 0.4205,
0.4222

 62.3691, 0.4205,
0.4222


433.2762, 0.3711,
0.3809

 45.3310, 0.4311,
0.4306


 108.2588, 0.4038,
0.4086


 31.7182, 0.4436,
0.4402

 137.8792, 0.3971,
0.4031

 21.1464, 0.4584,
0.4511


 172.4625, 0.3913,
0.3982

 13.2310, 0.4756,
0.4629

 212.3931, 0.3863,
0.3939

 7.5878, 0.4979,
0.4770

258.0553, 0.3818,
0.3901

 3.8324, 0.5166,
0.4834

309.8337, 0.3778,

 1.5802, 0.5264,

0.3867

0.4736

368.1125, 0.3743,
0.3837

■ 0.3442, 0.5879,
0.4121

■ 0.0000, 0.0000,
0.0000

■ 62.3691, 0.4205,
0.4222

■ 62.3691, 0.4205,
0.4222

■ 58.0573, 0.4418,
0.4345

■ 67.0593, 0.3988,
0.4071

■ 54.0984, 0.4617,
0.4428

■ 72.1340, 0.3776,
0.3904

■ 50.4764, 0.4791,
0.4462

■ 77.6100, 0.3575,
0.3730

■ 47.1687, 0.4932,
0.4444

■ 83.5002, 0.3390,
0.3556

45.9318, 0.4982,
0.4427

89.8167, 0.3221,
0.3387

96.3894, 0.3085,
0.3255

98.6903, 0.3084,
0.3290

Harmonies

Analogous

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



62.3691, 0.4434, 0.3769



62.3691, 0.4205, 0.4222



62.3691, 0.3694, 0.4483

Triad

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



62.3691, 0.4205, 0.4222



62.3691, 0.2093, 0.3145



62.3691, 0.3084, 0.2463

Complementary

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



62.3691, 0.4205, 0.4222



34.1302, 0.2166, 0.2095

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.



62.3691, 0.2491, 0.2287



62.3691, 0.4205, 0.4222



62.3691, 0.1970, 0.2608

Square

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



62.3691, 0.4205, 0.4222



62.3691, 0.2477, 0.3827



62.3691, 0.2107, 0.2325



62.3691, 0.3755, 0.2810

Rectangle

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



62.3691, 0.4205, 0.4222



62.3691, 0.3275, 0.4453



62.3691, 0.2107, 0.2325



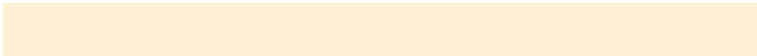
62.3691, 0.2869, 0.2383

Sweetspot

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



62.3721, 0.4205, 0.4222



88.3401, 0.3407, 0.3573



33.3482, 0.4205, 0.2787



18.6323, 0.3444, 0.3608



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.



62.3721, 0.4205, 0.4222



61.4020, 0.4440, 0.4356



84.5698, 0.3784, 0.4703



19.1232, 0.3277, 0.3445



25.0917, 0.4966, 0.4439



2.5215, 0.4849, 0.4532

Inverse Universe

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



34.1302, 0.2166, 0.2095



28.7886, 0.1987, 0.1812



22.4513, 0.2171, 0.1543



17.6223, 0.2979, 0.3130



7.4550, 0.1641, 0.1107



0.8798, 0.1706, 0.1343

Previews

White Background



This preview shows how the Yxy color 62.3691, 0.4205, 0.4222 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 62.3691, 0.4205, 0.4222 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 62.3691, 0.4205, 0.4222

Background



This preview shows how black text looks on a background with the Yxy color 62.3691, 0.4205, 0.4222.



This preview shows how white text looks on a background with the Yxy color 62.3691, 0.4205, 0.4222.

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

62.3691, 0.4205, 0.4222

Protanopia

62.2895, 0.3978, 0.4330

Deuteranopia

62.1291, 0.4267, 0.4165



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.3691, 0.4205, 0.4222

Protanomaly

61.9956, 0.4060, 0.4287

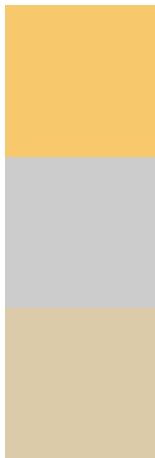
Deuteranomaly

62.2094, 0.4244, 0.4181

Tritanomaly

62.1436, 0.3811, 0.3556

Monochromacy



Original Color

62.3691, 0.4205, 0.4222

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7921, 0.3516, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3691, 0.4205, 0.4222 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(248, 200, 109)` looks like.

```
.text, #text, p{  
    color:rgb(248, 200, 109)  
}
```

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(248, 200, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 200, 109) }
```

Border

The CSS property to change the border of an element to Yxy 62.3691, 0.4205, 0.4222 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(248, 200, 109) }
```

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

```
.border{ border-color:rgb(248, 200, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 200, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 200, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 200, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 200,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3691, 0.4205, 0.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 200, 109) }
```

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

```
.background{ background-color: rgb(248,  
200, 109) }
```

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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