

Converting Colors

$Y_{xy}(65.3421, 0.3792, 0.3624)$

Have a look what the booklet for
Yxy(65.3421, 0.3792, 0.3624)
contains.

Yxy(65.5205, 0.3795, 0.3627)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.5205, 0.3795, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	FDC9A9
RGB	253, 201, 169
RGB Percent	99%, 79%, 66%
CMY	0.0079, 0.2117, 0.3372
CMYK	0.00, 0.21, 0.33, 0.01
HSL	23°, 95%, 83%
HSV	23°, 33%, 99%
XYZ	68.5554, 65.5205, 46.5707
YIQ	212.9000, 41.2640, 1.0720

Conversions

Conversions Part 2

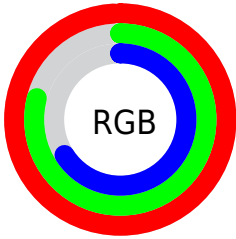
Format	Color
R _Y B	253, 221, 169
Decimal	16632233
CIE Lab	84.75, 14.13, 23.02
CIE LCh	85, 27.013, 58.453
Yxy	65.5205, 0.3795, 0.3627
Android (android.graphics.Color)	4294822313 (0xFFFDC9A9)
YUV	212.9000, -21.6427, 35.1677
Hunter-Lab	80.9447, 9.5256, 22.5495

Details

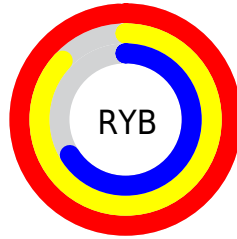
The Yxy color $65.5205, 0.3795, 0.3627$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $67.2364, 0.2607, 0.2924$, and the grayscale version is $66.5978, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1618, 0.3310, 0.3592$, and $33.7539, 0.3958, 0.3695$ is the 20% darker color. If you saturate the color by 10%, you get $57.7302, 0.4067, 0.3730$, and if you desaturate by 10%, it is $74.2451, 0.3557, 0.3521$.

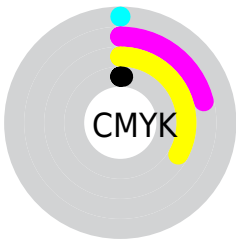
Distribution



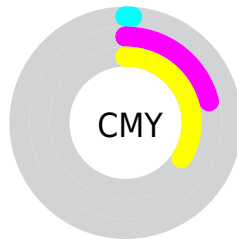
- Red (99%)
- Green (79%)
- Blue (66%)



- Red (99%)
- Yellow (87%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (1%)





- Cyan (1%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5205, 0.3795, 0.3627 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 65.5205, 0.3795, 0.3627 by changing the saturation by 10% instead.

 65.5205, 0.3795,
0.3627

 65.5205, 0.3795,
0.3627


444.6601, 0.3478,
0.3477

 47.8833, 0.3869,
0.3659


 112.7978, 0.3684,
0.3576

 33.7344, 0.3961,
0.3698


143.2067, 0.3641,
0.3556

 22.6897, 0.4078,
0.3745


178.6416, 0.3604,
0.3539

 14.3645, 0.4231,
0.3802

219.4869, 0.3572,
0.3523

 8.3746, 0.4441,
0.3872

266.1270, 0.3544,
0.3510

 4.3356, 0.4739,
0.3953

318.9463, 0.3520,

 1.8630, 0.5415,

0.3498

0.4204

378.3292, 0.3498,
0.3487

0.5260, 0.6163,
0.3837

0.0000, 0.0000,
0.0000

65.5205, 0.3795,
0.3627

65.5205, 0.3795,
0.3627

57.7302, 0.4067,
0.3730

74.2451, 0.3557,
0.3521

50.8323, 0.4371,
0.3823

83.9259, 0.3353,
0.3418

44.7947, 0.4699,
0.3895

94.5955, 0.3178,
0.3320

39.5799, 0.5035,
0.3932

99.6221, 0.3115,
0.3290

■ 35.1466, 0.5354,
0.3922

■ 31.4487, 0.5628,
0.3858

■ 29.3207, 0.5782,
0.3791

Harmonies

Analogous

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



65.5205, 0.3743, 0.3356



65.5205, 0.3795, 0.3627



65.5205, 0.3658, 0.3830

Triad

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



65.5205, 0.3795, 0.3627



65.5205, 0.2742, 0.3498



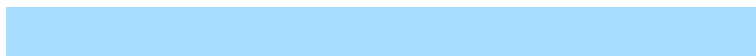
65.5205, 0.2853, 0.2750

Complementary

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



65.5205, 0.3795, 0.3627



67.2364, 0.2607, 0.2924

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.



65.5205, 0.2609, 0.2758



65.5205, 0.3795, 0.3627



65.5205, 0.2547, 0.3172

Square

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



65.5205, 0.3795, 0.3627



65.5205, 0.3045, 0.3772



65.5205, 0.2500, 0.2905



65.5205, 0.3183, 0.2868

Rectangle

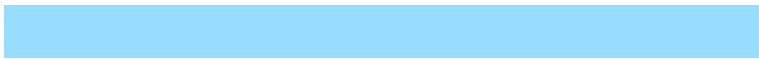
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.5205, 0.3795, 0.3627



65.5205, 0.3484, 0.3891



65.5205, 0.2500, 0.2905



65.5205, 0.2759, 0.2738

Sweetspot

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



65.5236, 0.3795, 0.3627



88.8048, 0.3294, 0.3386



54.5441, 0.3418, 0.2746



18.6887, 0.3319, 0.3400



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.



65.5236, 0.3795, 0.3627



61.1998, 0.3977, 0.3698



87.1307, 0.3663, 0.4021



19.1214, 0.3285, 0.3381



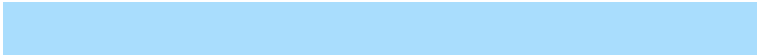
15.8570, 0.5753, 0.3814



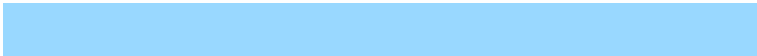
1.7469, 0.5541, 0.3982

Inverse Universe

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



67.2364, 0.2607, 0.2924



63.1733, 0.2503, 0.2835



48.2516, 0.2545, 0.2433



19.2505, 0.2979, 0.3197



16.8188, 0.1886, 0.1988



1.8487, 0.1931, 0.2152

Previews

White Background



This preview shows how the Yxy color 65.5205, 0.3795, 0.3627 looks on a white background.

Color Contrast Check

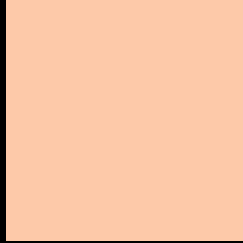
Large Text (above 18pt) WCAG AA × Fail

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 65.5205, 0.3795, 0.3627 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 65.5205, 0.3795, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 65.5205, 0.3795, 0.3627.



This preview shows how white text looks on a background with the Yxy color 65.5205, 0.3795, 0.3627.

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

65.5205, 0.3795, 0.3627

Protanopia

65.4918, 0.3492, 0.3708

Deuteranopia

65.3506, 0.3739, 0.3654



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.5205, 0.3795, 0.3627

Protanomaly

65.2664, 0.3606, 0.3676

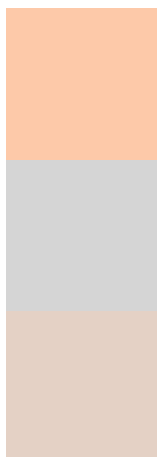
Deuteranomaly

65.2454, 0.3759, 0.3641

Tritanomaly

65.3991, 0.3603, 0.3323

Monochromacy



Original Color

65.5205, 0.3795, 0.3627

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1261, 0.3358, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5205, 0.3795, 0.3627 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(253, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 169)  
}
```

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(253, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 169) }
```

Border

The CSS property to change the border of an element to Yxy 65.5205, 0.3795, 0.3627 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(253, 201, 169) }
```

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

```
.border{ border-color:rgb(253, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 201, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 201, 169); box-shadow:4px 4px 4px 4px rgb(253, 201, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5205, 0.3795, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 169) }
```

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

```
.background{ background-color: rgb(253,  
201, 169) }
```

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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