

Converting Colors

$Yxy(70.0807, 0.3652, 0.3799)$

Have a look what the booklet for
Yxy(70.0807, 0.3652, 0.3799)
contains.

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Color

Yxy(69.9533, 0.3653, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	F0D7A8
RGB	240, 215, 168
RGB Percent	94%, 84%, 66%
CMY	0.0586, 0.1569, 0.3411
CMYK	0.00, 0.10, 0.30, 0.06
HSL	39°, 71%, 80%
HSV	39°, 30%, 94%
XYZ	67.3181, 69.9533, 47.0102
YIQ	217.1170, 29.9870, -9.3170

Conversions

Conversions Part 2

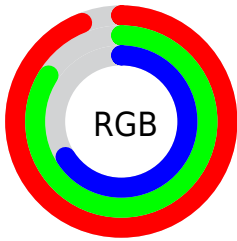
Format	Color
R _Y B	206, 240, 168
Decimal	15783848
CIE Lab	86.97, 1.84, 26.38
CIE LCh	87, 26.444, 86.014
Yxy	69.9533, 0.3653, 0.3796
Android (android.graphics.Color)	4293973928 (0xFFF0D7A8)
YUV	217.1170, -24.2147, 20.0684
Hunter-Lab	83.6381, -2.6968, 25.2217

Details

The Yxy color **69.9533, 0.3653, 0.3796** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8004, 0.2631, 0.2725**, and the grayscale version is **69.6327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **36.4698, 0.3773, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **64.9967, 0.3859, 0.3968**, and if you desaturate by 10%, it is **75.2987, 0.3461, 0.3622**.

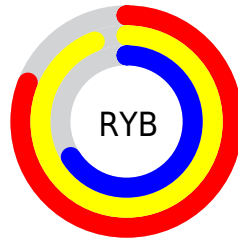
Distribution



Red (94%)

Green (84%)

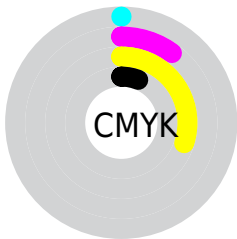
Blue (66%)



Red (81%)

Yellow (94%)

Blue (66%)

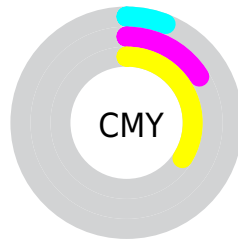


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9533, 0.3653, 0.3796 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 69.9533, 0.3653, 0.3796 by changing the saturation by 10% instead.


 69.9533, 0.3653,
0.3796


 69.9533, 0.3653,
0.3796


460.3860, 0.3409,
0.3563

 51.4885, 0.3708,
0.3848


 119.1422, 0.3569,
0.3716

 36.5975, 0.3776,
0.3912


 150.6350, 0.3536,
0.3684

 24.8960, 0.3862,
0.3992


187.2392, 0.3507,
0.3657

 15.9996, 0.3971,
0.4094

229.3393, 0.3483,
0.3634

 9.5239, 0.4116,
0.4228

277.3197, 0.3461,
0.3613

 5.0844, 0.4313,
0.4406

331.5646, 0.3442,

 2.2969, 0.4759,

0.3594

0.4818

392.4586, 0.3424,
0.3578

0.7721, 0.5021,
0.4979

0.0000, 0.0000,
0.0000

69.9533, 0.3653,
0.3796

69.9533, 0.3653,
0.3796

64.9967, 0.3859,
0.3968

75.2987, 0.3461,
0.3622

60.4070, 0.4074,
0.4129

81.0349, 0.3286,
0.3452

56.1741, 0.4291,
0.4269

87.1758, 0.3127,
0.3290

52.2835, 0.4501,
0.4378

93.1357, 0.3037,
0.3225

■ 48.7191, 0.4693,
0.4442

■ 97.2743, 0.3036,
0.3290

■ 45.4622, 0.4856,
0.4455

■ 42.4853, 0.4988,
0.4422

Harmonies

Analogous

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



69.9533, 0.3770, 0.3595



69.9533, 0.3653, 0.3796



69.9533, 0.3396, 0.3868

Triad

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



69.9533, 0.3653, 0.3796



69.9533, 0.2581, 0.3203



69.9533, 0.3154, 0.2872

Complementary

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



69.9533, 0.3653, 0.3796



52.8004, 0.2631, 0.2725

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.



69.9533, 0.2841, 0.2767



69.9533, 0.3653, 0.3796



69.9533, 0.2523, 0.2939

Square

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



69.9533, 0.3653, 0.3796



69.9533, 0.2779, 0.3513



69.9533, 0.2616, 0.2787



69.9533, 0.3474, 0.3074

Rectangle

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



69.9533, 0.3653, 0.3796



69.9533, 0.3183, 0.3820



69.9533, 0.2616, 0.2787



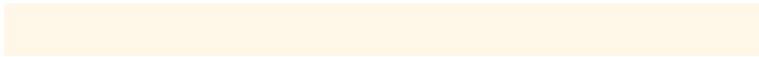
69.9533, 0.3044, 0.2824

Sweetspot

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



69.9565, 0.3653, 0.3796



93.6190, 0.3269, 0.3436



50.4087, 0.3565, 0.3015



19.8252, 0.3294, 0.3460



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.



69.9565, 0.3653, 0.3796



76.7162, 0.3777, 0.3902



81.8775, 0.3503, 0.4060



17.4792, 0.3277, 0.3444



23.5043, 0.4972, 0.4434



2.1407, 0.4843, 0.4537

Inverse Universe

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



52.8004, 0.2631, 0.2725



54.1229, 0.2522, 0.2588



43.8711, 0.2675, 0.2430



16.1283, 0.2980, 0.3132



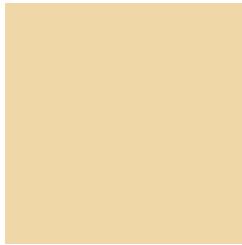
7.0983, 0.1644, 0.1118



0.7701, 0.1717, 0.1380

Previews

White Background



This preview shows how the Yxy color 69.9533, 0.3653, 0.3796 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 69.9533, 0.3653, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

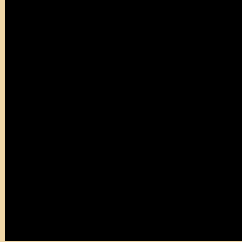
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9533, 0.3653, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 69.9533, 0.3653, 0.3796.



This preview shows how white text looks on a background with the Yxy color 69.9533, 0.3653, 0.3796.

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

69.9533, 0.3653, 0.3796

Protanopia

70.1632, 0.3574, 0.3828

Deuteranopia

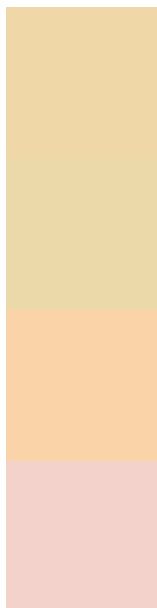
69.7632, 0.3776, 0.3695



Tritanopia

69.7816, 0.3309, 0.3115

Trichromacy



Original Color

69.9533, 0.3653, 0.3796

Protanomaly

70.1524, 0.3600, 0.3813

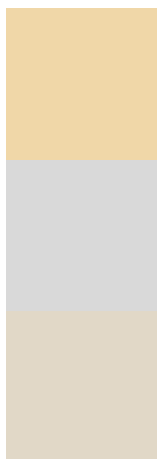
Deuteranomaly

69.7771, 0.3737, 0.3732

Tritanomaly

69.6859, 0.3430, 0.3354

Monochromacy



Original Color

69.9533, 0.3653, 0.3796

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2428, 0.3311, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9533, 0.3653, 0.3796 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(240, 215, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 215, 168)  
}
```

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(240, 215, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 215, 168) }
```

Border

The CSS property to change the border of an element to Yxy 69.9533, 0.3653, 0.3796 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(240, 215, 168) }
```

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

```
.border{ border-color:rgb(240, 215, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 215, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 215, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 215, 168); box-shadow:4px 4px 4px 4px rgb(240, 215, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9533, 0.3653, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 215, 168) }
```

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

```
.background{ background-color: rgb(240,  
215, 168) }
```

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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