

Converting Colors

$Y_{xy}(72.8192, 0.3684, 0.3795)$

Have a look what the booklet for
Yxy(72.8192, 0.3684, 0.3795)
contains.

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Color

Yxy(72.8192, 0.3684, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	F7DAAA
RGB	247, 218, 170
RGB Percent	97%, 85%, 67%
CMY	0.0313, 0.1451, 0.3332
CMYK	0.00, 0.12, 0.31, 0.03
HSL	37°, 83%, 82%
HSV	37°, 31%, 97%
XYZ	70.6893, 72.8192, 48.3734
YIQ	221.1990, 32.6920, -8.7800

Conversions

Conversions Part 2

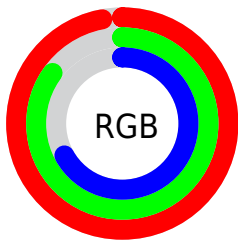
Format	Color
R _Y B	217, 247, 170
Decimal	16243370
CIE Lab	88.36, 3.18, 27.32
CIE LCh	88, 27.509, 83.368
Yxy	72.8192, 0.3684, 0.3795
Android (android.graphics.Color)	4294433450 (0xFFF7DAAA)
YUV	221.1990, -25.2411, 22.6275
Hunter-Lab	85.3342, -1.4686, 26.1242

Details

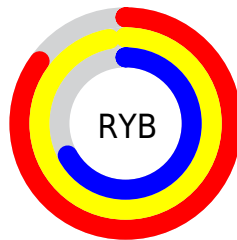
The Yxy color $72.8192, 0.3684, 0.3795$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $56.1294, 0.2613, 0.2726$, and the grayscale version is $72.6209, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2710, 0.3298, 0.3572$, and $38.4259, 0.3822, 0.3912$ is the 20% darker color. If you saturate the color by 10%, you get $67.2807, 0.3897, 0.3960$, and if you desaturate by 10%, it is $78.8111, 0.3486, 0.3628$.

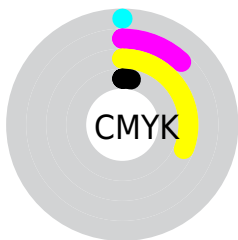
Distribution



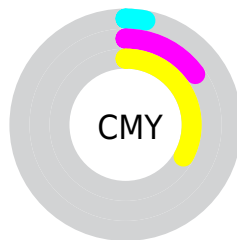
- Red (97%)
- Green (85%)
- Blue (67%)



- Red (85%)
- Yellow (97%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8192, 0.3684, 0.3795 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 72.8192, 0.3684, 0.3795 by changing the saturation by 10% instead.


 72.8192, 0.3684,
0.3795

 72.8192, 0.3684,
0.3795

470.3879, 0.3427,
0.3565

 53.8281, 0.3742,
0.3846


 123.2205, 0.3595,
0.3716

 38.4643, 0.3813,
0.3908


155.3995, 0.3561,
0.3685

 26.3432, 0.3901,
0.3985


192.7434, 0.3531,
0.3659

 17.0806, 0.4015,
0.4082

235.6363, 0.3505,
0.3635

 10.2920, 0.4164,
0.4207

284.4629, 0.3482,
0.3615

 5.5930, 0.4365,
0.4371

339.6074, 0.3462,

 2.5992, 0.4757,

0.3596

0.4696

401.4543, 0.3444,
0.3580

0.9263, 0.5097,
0.4903

0.0000, 0.0000,
0.0000

72.8192, 0.3684,
0.3795

72.8192, 0.3684,
0.3795

67.2807, 0.3897,
0.3960

78.8111, 0.3486,
0.3628

62.1714, 0.4122,
0.4113

85.2599, 0.3306,
0.3464

57.4792, 0.4349,
0.4245

92.1815, 0.3145,
0.3308

53.1875, 0.4571,
0.4342

98.5159, 0.3078,
0.3290

■ 49.2775, 0.4773,
0.4395

■ 45.7276, 0.4945,
0.4395

■ 42.8637, 0.5071,
0.4356

Harmonies

Analogous

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



72.8192, 0.3789, 0.3580



72.8192, 0.3684, 0.3795



72.8192, 0.3429, 0.3884

Triad

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



72.8192, 0.3684, 0.3795



72.8192, 0.2579, 0.3227



72.8192, 0.3124, 0.2847

Complementary

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



72.8192, 0.3684, 0.3795



56.1294, 0.2613, 0.2726

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.



72.8192, 0.2809, 0.2750



72.8192, 0.3684, 0.3795



72.8192, 0.2507, 0.2949

Square

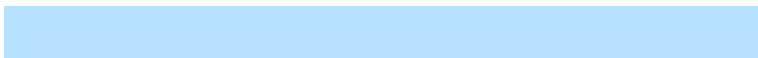
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8192, 0.3684, 0.3795



72.8192, 0.2793, 0.3546



72.8192, 0.2589, 0.2782



72.8192, 0.3457, 0.3047

Rectangle

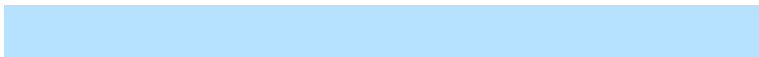
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8192, 0.3684, 0.3795



72.8192, 0.3214, 0.3846



72.8192, 0.2589, 0.2782



72.8192, 0.3013, 0.2802

Sweetspot

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



72.8225, 0.3684, 0.3795



93.2148, 0.3270, 0.3430



52.6848, 0.3566, 0.2977



19.7254, 0.3295, 0.3453



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.



72.8225, 0.3684, 0.3795



74.7170, 0.3808, 0.3893



87.6127, 0.3536, 0.4087



18.2030, 0.3278, 0.3437



22.9494, 0.5052, 0.4370



2.2144, 0.4916, 0.4479

Inverse Universe

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



56.1294, 0.2613, 0.2726



54.3326, 0.2509, 0.2598



45.0612, 0.2634, 0.2385



16.9500, 0.2980, 0.3138



7.9503, 0.1665, 0.1195



0.8898, 0.1734, 0.1443

Previews

White Background



This preview shows how the Yxy color 72.8192, 0.3684, 0.3795 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 72.8192, 0.3684, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

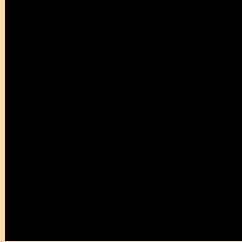
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8192, 0.3684, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 72.8192, 0.3684, 0.3795.



This preview shows how white text looks on a background with the Yxy color 72.8192, 0.3684, 0.3795.

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

72.8192, 0.3684, 0.3795

Protanopia

73.2256, 0.3581, 0.3828

Deuteranopia

72.6484, 0.3685, 0.3642



Tritanopia

72.5219, 0.3329, 0.3119

Trichromacy



Original Color

72.8192, 0.3684, 0.3795

Protanomaly

73.3539, 0.3622, 0.3823

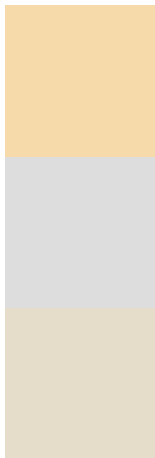
Deuteranomaly

72.4309, 0.3689, 0.3696

Tritanomaly

72.5540, 0.3463, 0.3363

Monochromacy



Original Color

72.8192, 0.3684, 0.3795

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2737, 0.3322, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8192, 0.3684, 0.3795 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(247, 218, 170)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 170)  
}
```

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(247, 218, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 170) }
```

Border

The CSS property to change the border of an element to Yxy 72.8192, 0.3684, 0.3795 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(247, 218, 170) }
```

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

```
.border{ border-color:rgb(247, 218, 170) }
```

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

Here you see how a box with a 4 pixel rgb(247, 218, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 170);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8192, 0.3684, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 170) }
```

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

```
.background{ background-color: rgb(247,  
218, 170) }
```

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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