

Converting Colors

$Yxy(73.0453, 0.3492, 0.3577)$

Have a look what the booklet for
Yxy(73.0453, 0.3492, 0.3577)
contains.

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Color

Yxy(72.7816, 0.3494, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	F2DABF
RGB	242, 218, 191
RGB Percent	95%, 85%, 75%
CMY	0.0510, 0.1451, 0.2509
CMYK	0.00, 0.10, 0.21, 0.05
HSL	32°, 66%, 85%
HSV	32°, 21%, 95%
XYZ	71.0928, 72.7816, 59.5967
YIQ	222.0980, 22.9710, -3.3090

Conversions

Conversions Part 2

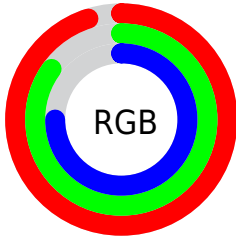
Format	Color
R _Y B	236, 242, 191
Decimal	15915711
CIE Lab	88.34, 4.11, 16.30
CIE LCh	88, 16.814, 75.834
Yxy	72.7816, 0.3494, 0.3577
Android (android.graphics.Color)	4294105791 (0xFFF2DABF)
YUV	222.0980, -15.3313, 17.4541
Hunter-Lab	85.3121, -0.5476, 18.3002

Details

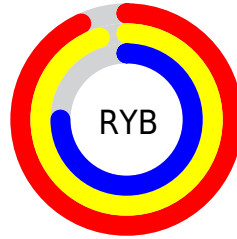
The Yxy color **72.7816, 0.3494, 0.3577** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0888, 0.2792, 0.2985**, and the grayscale version is **73.2199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **38.3437, 0.3573, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **66.1016, 0.3704, 0.3721**, and if you desaturate by 10%, it is **80.0499, 0.3308, 0.3437**.

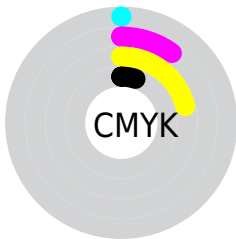
Distribution



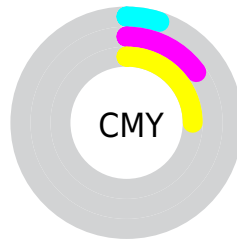
- Red (95%)
- Green (85%)
- Blue (75%)



- Red (93%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7816, 0.3494, 0.3577 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 72.7816, 0.3494, 0.3577 by changing the saturation by 10% instead.

 72.7816, 0.3494,
0.3577

 72.7816, 0.3494,
0.3577


470.2575, 0.3324,
0.3446

 53.7974, 0.3533,
0.3606


 123.1671, 0.3435,
0.3532

 38.4397, 0.3581,
0.3643


155.3372, 0.3412,
0.3514

 26.3241, 0.3642,
0.3688

192.6714, 0.3392,
0.3499

 17.0663, 0.3722,
0.3746

235.5541, 0.3375,
0.3486

 10.2818, 0.3829,
0.3824

284.3696, 0.3360,
0.3474

 5.5862, 0.3983,
0.3932

339.5025, 0.3346,

 2.5951, 0.4218,

0.3463

0.4088

401.3370, 0.3334,
0.3454

0.9242, 0.5161,
0.4839

0.0000, 0.0000,
0.0000

72.7816, 0.3494,
0.3577

72.7816, 0.3494,
0.3577

66.1016, 0.3704,
0.3721

80.0499, 0.3308,
0.3437

59.9834, 0.3936,
0.3863

87.9125, 0.3143,
0.3304

54.4125, 0.4187,
0.3995

95.8209, 0.3048,
0.3262

49.3700, 0.4450,
0.4107

97.6164, 0.3047,
0.3290

■ 44.8354, 0.4713,
0.4186

■ 40.7864, 0.4962,
0.4220

■ 37.1974, 0.5180,
0.4199

■ 34.3501, 0.5344,
0.4139

Harmonies

Analogous

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



72.7816, 0.3527, 0.3435



72.7816, 0.3494, 0.3577



72.7816, 0.3361, 0.3646

Triad

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



72.7816, 0.3494, 0.3577



72.7816, 0.2814, 0.3305



72.7816, 0.3077, 0.2990

Complementary

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



72.7816, 0.3494, 0.3577



66.0888, 0.2792, 0.2985

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.



72.7816, 0.2891, 0.2950



72.7816, 0.3494, 0.3577



72.7816, 0.2743, 0.3124

Square

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



72.7816, 0.3494, 0.3577



72.7816, 0.2968, 0.3488



72.7816, 0.2771, 0.2997



72.7816, 0.3282, 0.3103

Rectangle

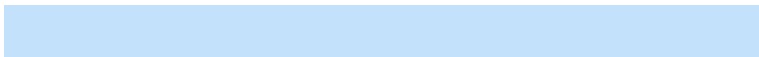
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7816, 0.3494, 0.3577



72.7816, 0.3235, 0.3638



72.7816, 0.2771, 0.2997



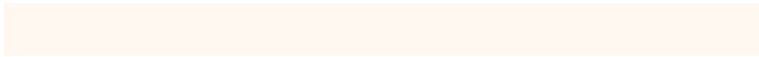
72.7816, 0.3010, 0.2968

Sweetspot

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



72.7849, 0.3494, 0.3577



94.5461, 0.3222, 0.3369



61.0827, 0.3352, 0.3029



20.1129, 0.3233, 0.3377



0.0000, 0.0000, 0.0000



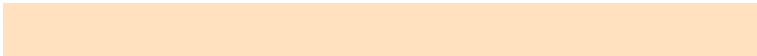
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7849, 0.3494, 0.3577



78.8859, 0.3575, 0.3634



85.9900, 0.3439, 0.3817



17.1445, 0.3280, 0.3415



18.7302, 0.5320, 0.4158



1.7573, 0.5131, 0.4308

Inverse Universe

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



66.0888, 0.2792, 0.2985



70.1710, 0.2726, 0.2919



54.8651, 0.2779, 0.2705



16.4551, 0.2980, 0.3162



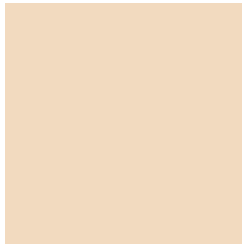
10.1611, 0.1745, 0.1481



1.0429, 0.1813, 0.1728

Previews

White Background



This preview shows how the Yxy color 72.7816, 0.3494, 0.3577 looks on a white background.

Color Contrast Check

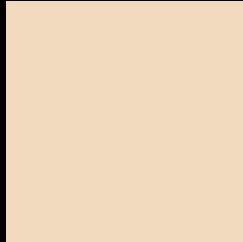
Large Text (above 18pt) WCAG AA × Fail

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 72.7816, 0.3494, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

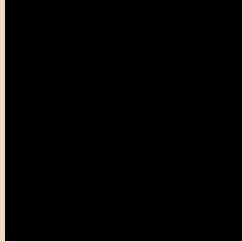
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7816, 0.3494, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 72.7816, 0.3494, 0.3577.



This preview shows how white text looks on a background with the Yxy color 72.7816, 0.3494, 0.3577.

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

72.7816, 0.3494, 0.3577

Protanopia

72.7190, 0.3398, 0.3594

Deuteranopia

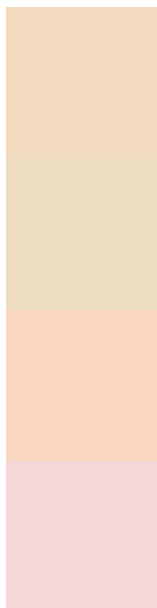
72.9697, 0.3588, 0.3518



Tritanopia

73.0198, 0.3267, 0.3127

Trichromacy



Original Color

72.7816, 0.3494, 0.3577

Protanomaly

72.8250, 0.3437, 0.3591

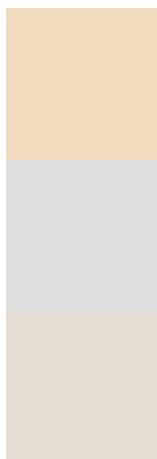
Deuteranomaly

72.7306, 0.3555, 0.3530

Tritanomaly

72.9197, 0.3349, 0.3291

Monochromacy



Original Color

72.7816, 0.3494, 0.3577

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0741, 0.3252, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7816, 0.3494, 0.3577 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(242, 218, 191)` looks like.

```
.text, #text, p{  
    color:rgb(242, 218, 191)  
}
```

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(242, 218, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 218, 191) }
```

Border

The CSS property to change the border of an element to Yxy 72.7816, 0.3494, 0.3577 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(242, 218, 191) }
```

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

```
.border{ border-color:rgb(242, 218, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 218, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 218, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 218, 191);  
box-shadow:4px 4px 4px 4px rgb(242, 218,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7816, 0.3494, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 218, 191) }
```

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

```
.background{ background-color: rgb(242,  
218, 191) }
```

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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