

Converting Colors

$Y_{xy}(76.3740, 0.3456, 0.3582)$

Have a look what the booklet for
Yxy(76.3740, 0.3456, 0.3582)
contains.

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Color

Yxy(76.3515, 0.3454, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	F3E0C4
RGB	243, 224, 196
RGB Percent	95%, 88%, 77%
CMY	0.0471, 0.1215, 0.2313
CMYK	0.00, 0.08, 0.19, 0.05
HSL	36°, 66%, 86%
HSV	36°, 19%, 95%
XYZ	73.5821, 76.3515, 63.1008
YIQ	226.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

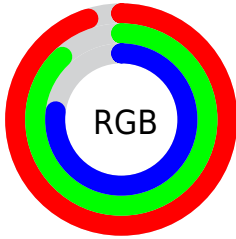
Format	Color
R _Y B	228, 243, 196
Decimal	15982788
CIE Lab	90.02, 2.11, 16.05
CIE LCh	90, 16.190, 82.494
Yxy	76.3515, 0.3454, 0.3584
Android (android.graphics.Color)	4294172868 (0xFFFF3E0C4)
YUV	226.4890, -15.0311, 14.4801
Hunter-Lab	87.3793, -2.5992, 18.3494

Details

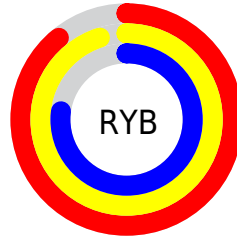
The Yxy color **76.3515, 0.3454, 0.3584** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.8196, 0.2818, 0.2977**, and the grayscale version is **76.5284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **40.7680, 0.3527, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **70.2071, 0.3652, 0.3744**, and if you desaturate by 10%, it is **82.9870, 0.3276, 0.3428**.

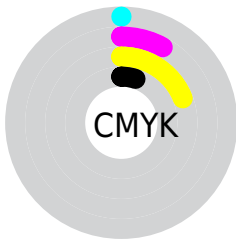
Distribution



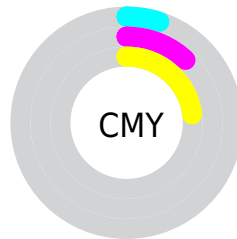
- Red (95%)
- Green (88%)
- Blue (77%)



- Red (89%)
- Yellow (95%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3515, 0.3454, 0.3584 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 76.3515, 0.3454, 0.3584 by changing the saturation by 10% instead.


 76.3515, 0.3454,
0.3584

 76.3515, 0.3454,
0.3584


482.5501, 0.3304,
0.3450

 56.7208, 0.3488,
0.3614

128.2236, 0.3402,
0.3538

 40.7811, 0.3530,
0.3651


161.2339, 0.3382,
0.3520

 28.1481, 0.3583,
0.3697

199.4727, 0.3364,
0.3504

 18.4373, 0.3651,
0.3757

243.3246, 0.3349,
0.3491

 11.2644, 0.3743,
0.3836

293.1739, 0.3336,
0.3479

 6.2450, 0.3872,
0.3946

349.4049, 0.3324,

 2.9946, 0.4067,

0.3468

0.4109

412.4022, 0.3313,
0.3459

■ 1.1289, 0.4830,
0.4805

■ 0.0025, 0.9563,
0.0437

■ 76.3515, 0.3454,
0.3584

■ 76.3515, 0.3454,
0.3584

■ 70.2071, 0.3652,
0.3744

■ 82.9870, 0.3276,
0.3428

■ 64.5300, 0.3867,
0.3903

■ 90.1165, 0.3117,
0.3280

■ 59.3088, 0.4097,
0.4053

■ 96.8259, 0.3054,
0.3275

■ 54.5282, 0.4335,
0.4184

■ 97.7933, 0.3054,
0.3290

■ 50.1711, 0.4569,
0.4283

■ 46.2188, 0.4789,
0.4340

■ 42.6502, 0.4981,
0.4344

■ 39.4351, 0.5139,
0.4297

■ 39.2291, 0.5149,
0.4293

Harmonies

Analogous

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



76.3515, 0.3508, 0.3462



76.3515, 0.3454, 0.3584



76.3515, 0.3311, 0.3630

Triad

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



76.3515, 0.3454, 0.3584



76.3515, 0.2808, 0.3264



76.3515, 0.3123, 0.3023

Complementary

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



76.3515, 0.3454, 0.3584



66.8196, 0.2818, 0.2977

Split Complementary

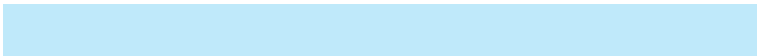
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3515, 0.2938, 0.2969



76.3515, 0.3454, 0.3584



76.3515, 0.2760, 0.3101

Square

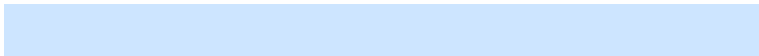
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3515, 0.3454, 0.3584



76.3515, 0.2939, 0.3442



76.3515, 0.2807, 0.2995



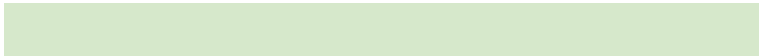
76.3515, 0.3314, 0.3143

Rectangle

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



76.3515, 0.3454, 0.3584



76.3515, 0.3187, 0.3606



76.3515, 0.2807, 0.2995



76.3515, 0.3058, 0.2997

Sweetspot

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



76.3549, 0.3454, 0.3584



95.1702, 0.3221, 0.3378



63.4840, 0.3354, 0.3084



20.2604, 0.3232, 0.3388



0.0000, 0.0000, 0.0000



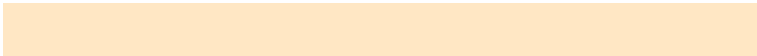
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3549, 0.3454, 0.3584



82.5751, 0.3525, 0.3644



86.4479, 0.3391, 0.3776



18.1242, 0.3279, 0.3431



21.8033, 0.5130, 0.4309



2.1176, 0.4981, 0.4427

Inverse Universe

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



66.8196, 0.2818, 0.2977



70.2213, 0.2755, 0.2909



58.2358, 0.2833, 0.2762



17.0266, 0.2980, 0.3145



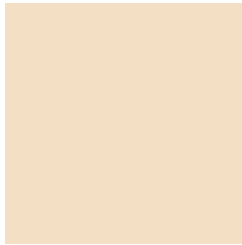
8.6187, 0.1687, 0.1274



0.9536, 0.1756, 0.1521

Previews

White Background



This preview shows how the Yxy color 76.3515, 0.3454, 0.3584 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 76.3515, 0.3454, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

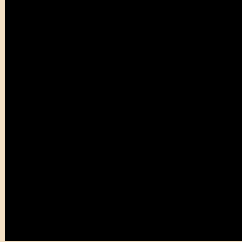
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.3515, 0.3454, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 76.3515, 0.3454, 0.3584.



This preview shows how white text looks on a background with the Yxy color 76.3515, 0.3454, 0.3584.

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

76.3515, 0.3454, 0.3584

Protanopia

76.4285, 0.3399, 0.3598

Deuteranopia

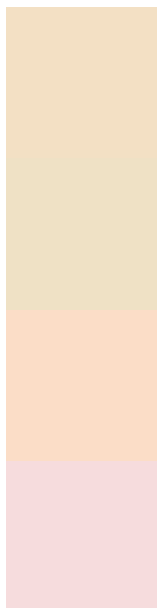
76.1401, 0.3519, 0.3474



Tritanopia

76.0974, 0.3228, 0.3119

Trichromacy



Original Color

76.3515, 0.3454, 0.3584

Protanomaly

76.2324, 0.3416, 0.3587

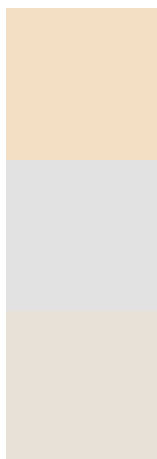
Deuteranomaly

76.3457, 0.3499, 0.3517

Tritanomaly

75.9997, 0.3308, 0.3280

Monochromacy



Original Color

76.3515, 0.3454, 0.3584

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9125, 0.3242, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3515, 0.3454, 0.3584 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(243, 224, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 196)  
}
```

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(243, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 196) }
```

Border

The CSS property to change the border of an element to Yxy 76.3515, 0.3454, 0.3584 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(243, 224, 196) }
```

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

```
.border{ border-color:rgb(243, 224, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 224, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 224, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 224, 196); box-shadow:4px 4px 4px 4px rgb(243, 224, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3515, 0.3454, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 196) }
```

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

```
.background{ background-color: rgb(243,  
224, 196) }
```

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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