

Converting Colors

$Yxy(76.1088, 0.3379, 0.3468)$

Have a look what the booklet for
Yxy(76.1088, 0.3379, 0.3468)
contains.

Yxy(76.1088, 0.3379, 0.3468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(76.1088, 0.3379, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFCE
RGB	242, 223, 206
RGB Percent	95%, 87%, 81%
CMY	0.0509, 0.1255, 0.1920
CMYK	0.00, 0.08, 0.15, 0.05
HSL	28°, 58%, 88%
HSV	28°, 15%, 95%
XYZ	74.1556, 76.1088, 69.1958
YIQ	226.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

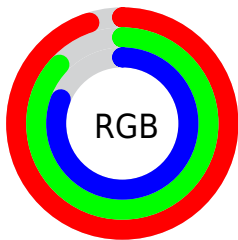
Format	Color
R _Y B	242, 238, 206
Decimal	15917006
CIE Lab	89.91, 3.79, 10.65
CIE LCh	90, 11.307, 70.418
Yxy	76.1088, 0.3379, 0.3468
Android (android.graphics.Color)	4294107086 (0xFFFF2DFCE)
YUV	226.7430, -10.2263, 13.3804
Hunter-Lab	87.2404, -0.9430, 14.0416

Details

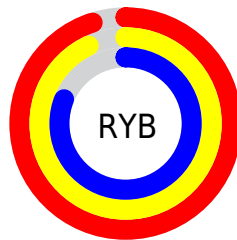
The Yxy color **76.1088, 0.3379, 0.3468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4249, 0.2894, 0.3105**, and the grayscale version is **76.6915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7114, 0.3439, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **68.4429, 0.3580, 0.3595**, and if you desaturate by 10%, it is **84.4795, 0.3204, 0.3347**.

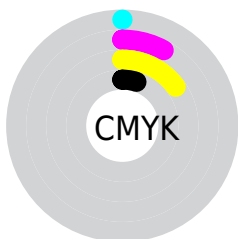
Distribution



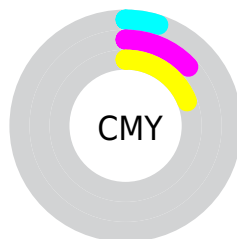
- Red (95%)
- Green (87%)
- Blue (81%)



- Red (95%)
- Yellow (93%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1088, 0.3379, 0.3468 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 76.1088, 0.3379, 0.3468 by changing the saturation by 10% instead.

 76.1088, 0.3379,
0.3468

 76.1088, 0.3379,
0.3468


481.7201, 0.3263,
0.3387

 56.5217, 0.3405,
0.3486


127.8807, 0.3339,
0.3440

 40.6214, 0.3438,
0.3508


160.8343, 0.3323,
0.3429

 28.0234, 0.3479,
0.3536


199.0122, 0.3310,
0.3420

 18.3433, 0.3533,
0.3572

242.7988, 0.3298,
0.3412

 11.1967, 0.3606,
0.3620

292.5785, 0.3288,
0.3404

 6.1993, 0.3710,
0.3688

348.7357, 0.3278,

 2.9666, 0.3871,

0.3398

0.3788

411.6547, 0.3270,
0.3392

■ 1.1143, 0.4281,
0.4075

■ 0.0000, 1.0000,
0.0000

■ 76.1088, 0.3379,
0.3468

■ 76.1088, 0.3379,
0.3468

■ 68.4429, 0.3580,
0.3595

■ 84.4795, 0.3204,
0.3347

■ 61.4519, 0.3807,
0.3724

■ 93.5636, 0.3052,
0.3233

■ 55.1188, 0.4061,
0.3849

■ 97.6217, 0.3048,
0.3290

■ 49.4215, 0.4338,
0.3961

■ 44.3368, 0.4628,
0.4049

■ 39.8393, 0.4916,
0.4100

■ 35.9012, 0.5185,
0.4100

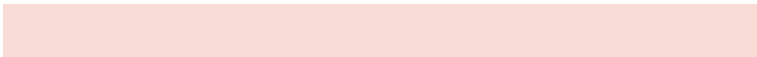
■ 32.4907, 0.5414,
0.4045

■ 30.9277, 0.5517,
0.4001

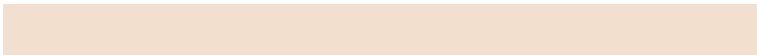
Harmonies

Analogous

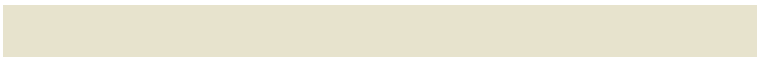
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1088, 0.3387, 0.3369



76.1088, 0.3379, 0.3468



76.1088, 0.3303, 0.3522

Triad

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



76.1088, 0.3379, 0.3468



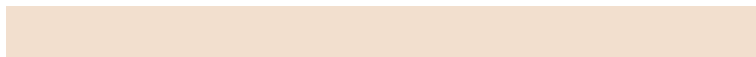
76.1088, 0.2934, 0.3324



76.1088, 0.3070, 0.3080

Complementary

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



76.1088, 0.3379, 0.3468



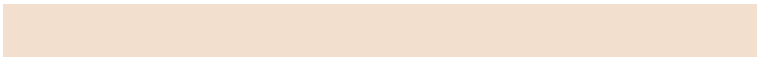
73.4249, 0.2894, 0.3105

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.



76.1088, 0.2952, 0.3064



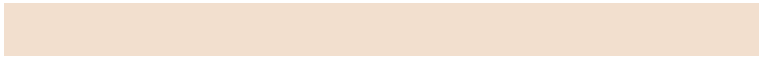
76.1088, 0.3379, 0.3468



76.1088, 0.2875, 0.3202

Square

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



76.1088, 0.3379, 0.3468



76.1088, 0.3045, 0.3439



76.1088, 0.2881, 0.3108



76.1088, 0.3206, 0.3148

Rectangle

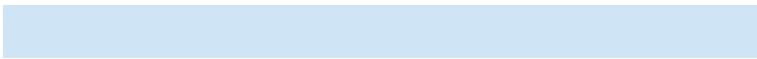
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1088, 0.3379, 0.3468



76.1088, 0.3224, 0.3523



76.1088, 0.2881, 0.3108



76.1088, 0.3027, 0.3068

Sweetspot

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



76.1122, 0.3379, 0.3468



95.9673, 0.3190, 0.3336



68.4899, 0.3264, 0.3090



20.3817, 0.3202, 0.3345



0.0000, 0.0000, 0.0000



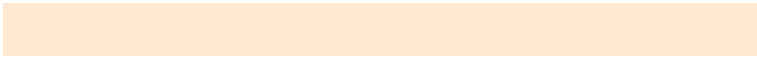
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1122, 0.3379, 0.3468



82.8690, 0.3440, 0.3508



86.1469, 0.3352, 0.3647



16.9872, 0.3281, 0.3402



16.8797, 0.5491, 0.4022



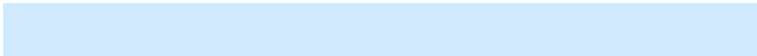
1.6019, 0.5276, 0.4193

Inverse Universe

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



73.4249, 0.2894, 0.3105



79.2776, 0.2843, 0.3062



64.2786, 0.2887, 0.2906



16.6124, 0.2980, 0.3176



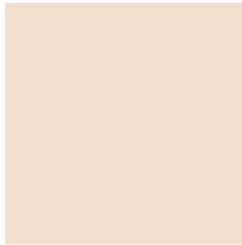
12.0084, 0.1799, 0.1676



1.1981, 0.1862, 0.1904

Previews

White Background



This preview shows how the Yxy color 76.1088, 0.3379, 0.3468 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 76.1088, 0.3379, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

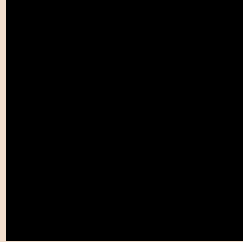
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

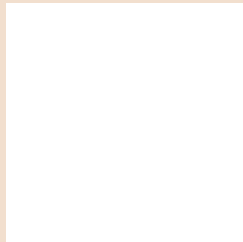
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1088, 0.3379, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 76.1088, 0.3379, 0.3468.

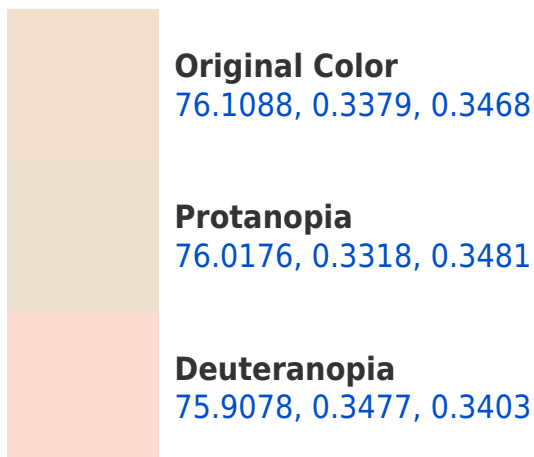


This preview shows how white text looks on a background with the Yxy color 76.1088, 0.3379, 0.3468.

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

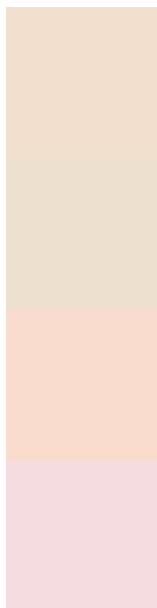




Tritanopia

76.3120, 0.3207, 0.3118

Trichromacy



Original Color

76.1088, 0.3379, 0.3468

Protanomaly

75.9934, 0.3341, 0.3470

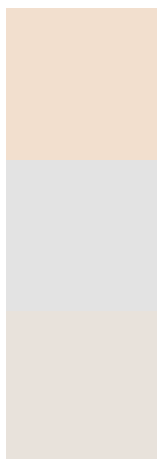
Deuteranomaly

76.0154, 0.3436, 0.3424

Tritanomaly

76.0351, 0.3273, 0.3239

Monochromacy



Original Color

76.1088, 0.3379, 0.3468

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6630, 0.3215, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1088, 0.3379, 0.3468 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, 223, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 206)  
}
```

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, 223, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 206) }
```

Border

The CSS property to change the border of an element to Yxy 76.1088, 0.3379, 0.3468 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, 223, 206) }
```

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

```
.border{ border-color:rgb(242, 223, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1088, 0.3379, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 206) }
```

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

```
.background{ background-color: rgb(242,  
223, 206) }
```

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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