

Converting Colors

$Yxy(76.7987, 0.3520, 0.3773)$

Have a look what the booklet for
Yxy(76.7987, 0.3520, 0.3773)
contains.

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Color

Yxy(76.6663, 0.3515, 0.3768)

Conversions

Conversions Part 1

Format	Color
Hex	EFE3B6
RGB	239, 227, 182
RGB Percent	94%, 89%, 71%
CMY	0.0626, 0.1098, 0.2863
CMYK	0.00, 0.05, 0.24, 0.06
HSL	47°, 64%, 83%
HSV	47°, 24%, 94%
XYZ	71.5186, 76.6663, 55.2819
YIQ	225.4580, 21.5970, -11.4510

Conversions

Conversions Part 2

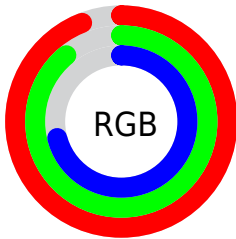
Format	Color
RYB	197, 239, 182
Decimal	15721398
CIELab	90.17, -2.84, 23.50
CIELCh	90, 23.667, 96.903
Yxy	76.6663, 0.3515, 0.3768
Android (android.graphics.Color)	4293911478 (0xFFEFE3B6)
YUV	225.4580, -21.4248, 11.8763
Hunter-Lab	87.5593, -7.4296, 23.8578

Details

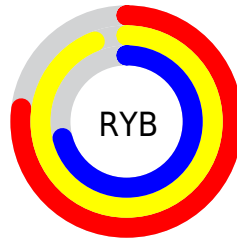
The Yxy color **76.6663, 0.3515, 0.3768** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.7816, 0.2731, 0.2762**, and the grayscale version is **75.7926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **41.0351, 0.3595, 0.3881** is the 20% darker color. If you saturate the color by 10%, you get **73.0434, 0.3693, 0.3973**, and if you desaturate by 10%, it is **80.5458, 0.3345, 0.3563**.

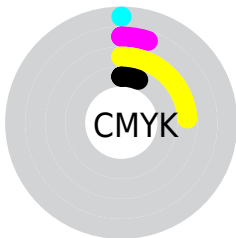
Distribution



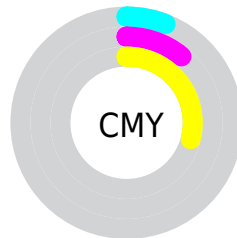
- Red (94%)
- Green (89%)
- Blue (71%)



- Red (77%)
- Yellow (94%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (6%)




- Cyan (6%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6663, 0.3515, 0.3768 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 76.6663, 0.3515, 0.3768 by changing the saturation by 10% instead.


 76.6663, 0.3515,
0.3768

 76.6663, 0.3515,
0.3768


483.6255, 0.3339,
0.3548

 56.9790, 0.3554,
0.3818


 128.6683, 0.3455,
0.3692

 40.9884, 0.3602,
0.3878


161.7519, 0.3431,
0.3663

 28.3100, 0.3662,
0.3955


200.0696, 0.3410,
0.3637

 18.5595, 0.3738,
0.4053

244.0060, 0.3392,
0.3615

 11.3524, 0.3838,
0.4183

293.9454, 0.3377,
0.3595

 6.3044, 0.3972,
0.4364

350.2722, 0.3363,

 3.0310, 0.4165,

0.3578

0.4631

413.3707, 0.3350,
0.3562

■ 1.1480, 0.4682,
0.5318

■ 0.0186, 0.0000,
1.0000

■ 76.6663, 0.3515,
0.3768

■ 76.6663, 0.3515,
0.3768

■ 73.0434, 0.3693,
0.3973

■ 80.5458, 0.3345,
0.3563

■ 69.6575, 0.3874,
0.4170

■ 84.6800, 0.3185,
0.3364

■ 66.5019, 0.4053,
0.4351

■ 89.0807, 0.3039,
0.3175

■ 63.5658, 0.4220,
0.4503

■ 92.2124, 0.3030,
0.3213

■ 60.8369, 0.4369,
0.4618

■ 95.3448, 0.3030,
0.3263

■ 58.3010, 0.4492,
0.4688

■ 97.0976, 0.3030,
0.3290

■ 55.9411, 0.4586,
0.4710

■ 54.5646, 0.4631,
0.4705

Harmonies

Analogous

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



76.6663, 0.3665, 0.3631



76.6663, 0.3515, 0.3768



76.6663, 0.3263, 0.3774

Triad

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



76.6663, 0.3515, 0.3768



76.6663, 0.2617, 0.3125



76.6663, 0.3256, 0.2980

Complementary

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



76.6663, 0.3515, 0.3768



54.7816, 0.2731, 0.2762

Split Complementary

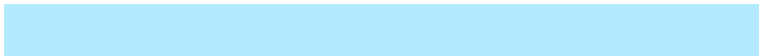
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6663, 0.2973, 0.2854



76.6663, 0.3515, 0.3768



76.6663, 0.2614, 0.2925

Square

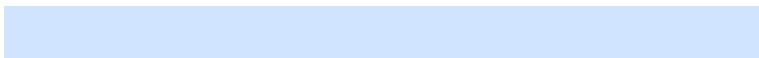
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6663, 0.3515, 0.3768



76.6663, 0.2749, 0.3388



76.6663, 0.2741, 0.2831



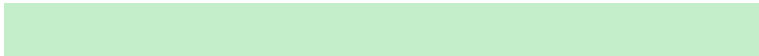
76.6663, 0.3514, 0.3181

Rectangle

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



76.6663, 0.3515, 0.3768



76.6663, 0.3075, 0.3695



76.6663, 0.2741, 0.2831



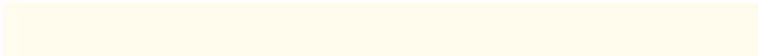
76.6663, 0.3160, 0.2928

Sweetspot

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



76.6697, 0.3515, 0.3768



96.5217, 0.3235, 0.3426



55.7234, 0.3518, 0.3156



20.5969, 0.3244, 0.3438



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.



76.6697, 0.3515, 0.3768



86.5564, 0.3608, 0.3876



80.8020, 0.3373, 0.3909



17.8593, 0.3273, 0.3475



30.3397, 0.4623, 0.4711



2.6639, 0.4555, 0.4765

Inverse Universe

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



54.7816, 0.2731, 0.2762



56.8308, 0.2634, 0.2626



51.7164, 0.2837, 0.2637



15.7696, 0.2980, 0.3098



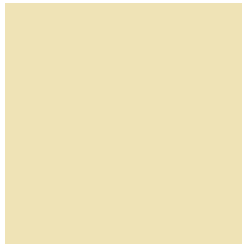
4.8800, 0.1560, 0.0816



0.5457, 0.1625, 0.1048

Previews

White Background



This preview shows how the Yxy color 76.6663, 0.3515, 0.3768 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 76.6663, 0.3515, 0.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

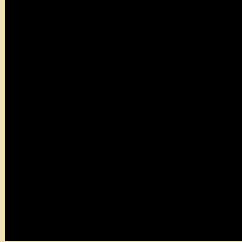
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.6663, 0.3515, 0.3768

Background



This preview shows how black text looks on a background with the Yxy color 76.6663, 0.3515, 0.3768.



This preview shows how white text looks on a background with the Yxy color 76.6663, 0.3515, 0.3768.

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

76.6663, 0.3515, 0.3768

Protanopia

76.4709, 0.3532, 0.3756

Deuteranopia

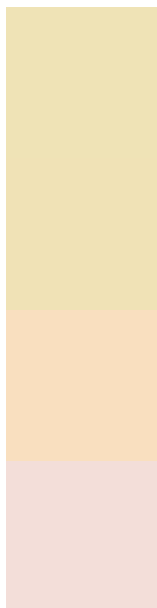
76.4319, 0.3553, 0.3536



Tritanopia

76.3703, 0.3200, 0.3108

Trichromacy



Original Color

76.6663, 0.3515, 0.3768

Protanomaly

76.2954, 0.3524, 0.3757

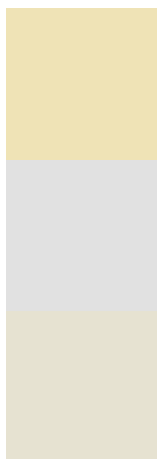
Deuteranomaly

76.6767, 0.3536, 0.3622

Tritanomaly

76.3070, 0.3312, 0.3342

Monochromacy



Original Color

76.6663, 0.3515, 0.3768

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.8192, 0.3267, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6663, 0.3515, 0.3768 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(239, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 182)  
}
```

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(239, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 182) }
```

Border

The CSS property to change the border of an element to Yxy 76.6663, 0.3515, 0.3768 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(239, 227, 182) }
```

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

```
.border{ border-color:rgb(239, 227, 182) }
```

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

Here you see how a box with a 4 pixel rgb(239, 227, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6663, 0.3515, 0.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 182) }
```

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

```
.background{ background-color: rgb(239,  
227, 182) }
```

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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