

Converting Colors

$Yxy(76.5036, 0.3455, 0.3661)$

Have a look what the booklet for
Yxy(76.5036, 0.3455, 0.3661)
contains.

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Color

Yxy(76.5050, 0.3455, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2BF
RGB	239, 226, 191
RGB Percent	94%, 89%, 75%
CMY	0.0627, 0.1137, 0.2509
CMYK	0.00, 0.05, 0.20, 0.06
HSL	44°, 60%, 84%
HSV	44°, 20%, 94%
XYZ	72.2002, 76.5050, 60.2678
YIQ	225.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

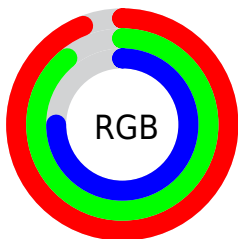
Format	Color
R_{YB}	209, 239, 191
Decimal	15721151
CIE Lab	90.09, -1.08, 18.71
CIE LCh	90, 18.739, 93.314
Yxy	76.5050, 0.3455, 0.3661
Android (android.graphics.Color)	4293911231 (0xFFEFE2BF)
YUV	225.8970, -17.2042, 11.4913
Hunter-Lab	87.4671, -5.7238, 20.3742

Details

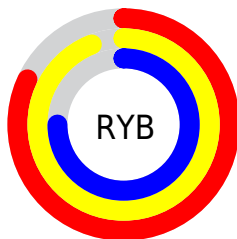
The Yxy color **76.5050, 0.3455, 0.3661** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.5128, 0.2801, 0.2889**, and the grayscale version is **76.0950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **40.9992, 0.3537, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **72.0839, 0.3638, 0.3853**, and if you desaturate by 10%, it is **81.2377, 0.3285, 0.3472**.

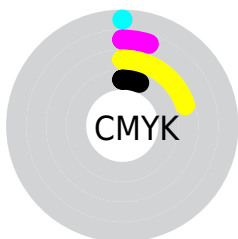
Distribution



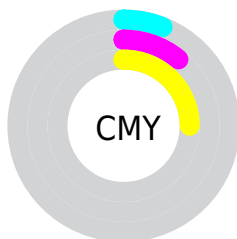
- Red (94%)
- Green (89%)
- Blue (75%)



- Red (82%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.5050, 0.3455, 0.3661 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 76.5050, 0.3455, 0.3661 by changing the saturation by 10% instead.


 76.5050, 0.3455,
0.3661

 76.5050, 0.3455,
0.3661


483.0747, 0.3305,
0.3491

 56.8467, 0.3489,
0.3699


 128.4405, 0.3403,
0.3602

 40.8822, 0.3530,
0.3747

161.4865, 0.3383,
0.3579

 28.2270, 0.3582,
0.3806


199.7638, 0.3366,
0.3560

 18.4969, 0.3649,
0.3883

243.6569, 0.3351,
0.3542

 11.3073, 0.3737,
0.3986

293.5502, 0.3337,
0.3527

 6.2739, 0.3861,
0.4129

349.8279, 0.3325,

 3.0124, 0.4041,

0.3514

0.4342

412.8746, 0.3315,
0.3502

■ 1.1382, 0.4801,
0.5199

■ 0.0103, 0.0000,
1.0000

■ 76.5050, 0.3455,
0.3661

■ 76.5050, 0.3455,
0.3661

■ 72.0839, 0.3638,
0.3853

■ 81.2377, 0.3285,
0.3472

■ 67.9544, 0.3829,
0.4042

■ 86.2810, 0.3128,
0.3291

■ 64.1095, 0.4024,
0.4218

■ 91.1390, 0.3030,
0.3195

■ 60.5377, 0.4216,
0.4373

■ 95.1362, 0.3030,
0.3259

■ 57.2266, 0.4395,
0.4494

■ 97.0914, 0.3029,
0.3290

■ 54.1619, 0.4552,
0.4572

■ 51.3271, 0.4681,
0.4601

■ 48.7136, 0.4781,
0.4586

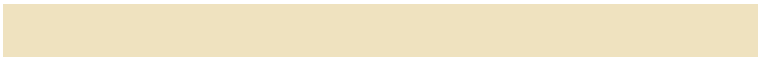
Harmonies

Analogous

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



76.5050, 0.3560, 0.3546



76.5050, 0.3455, 0.3661



76.5050, 0.3264, 0.3676

Triad

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



76.5050, 0.3455, 0.3661



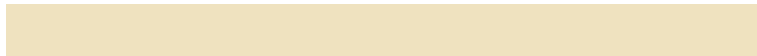
76.5050, 0.2727, 0.3185



76.5050, 0.3204, 0.3026

Complementary

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



76.5050, 0.3455, 0.3661



60.5128, 0.2801, 0.2889

Split Complementary

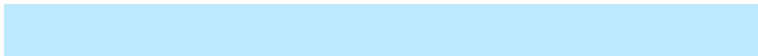
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5050, 0.2980, 0.2933



76.5050, 0.3455, 0.3661



76.5050, 0.2712, 0.3017

Square

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



76.5050, 0.3455, 0.3661



76.5050, 0.2846, 0.3393



76.5050, 0.2803, 0.2928



76.5050, 0.3412, 0.3183

Rectangle

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



76.5050, 0.3455, 0.3661



76.5050, 0.3114, 0.3622



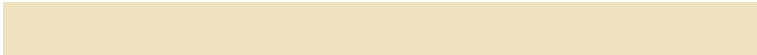
76.5050, 0.2803, 0.2928



76.5050, 0.3128, 0.2986

Sweetspot

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



76.5084, 0.3455, 0.3661



96.4364, 0.3220, 0.3398



60.0154, 0.3416, 0.3144



20.5601, 0.3230, 0.3410



0.0000, 0.0000, 0.0000



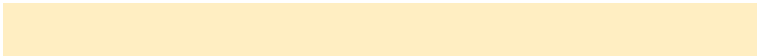
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5084, 0.3455, 0.3661



86.5369, 0.3527, 0.3738



82.0919, 0.3357, 0.3803



17.6922, 0.3275, 0.3461



27.1481, 0.4769, 0.4595



2.4224, 0.4676, 0.4669

Inverse Universe

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



60.5128, 0.2801, 0.2889



64.9466, 0.2731, 0.2798



55.9831, 0.2867, 0.2747



15.9257, 0.2980, 0.3113



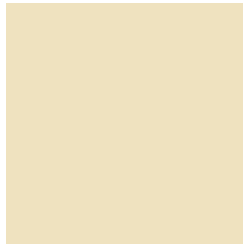
5.7043, 0.1593, 0.0933



0.6339, 0.1662, 0.1184

Previews

White Background



This preview shows how the Yxy color 76.5050, 0.3455, 0.3661 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 76.5050, 0.3455, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

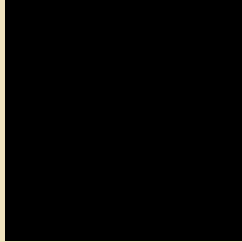
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

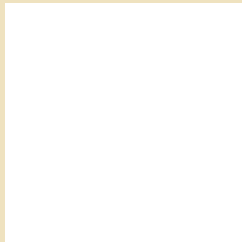
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5050, 0.3455, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 76.5050, 0.3455, 0.3661.

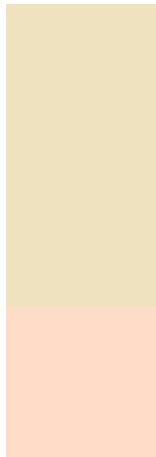


This preview shows how white text looks on a background with the Yxy color 76.5050, 0.3455, 0.3661.

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

76.5050, 0.3455, 0.3661

Protanopia

76.5050, 0.3455, 0.3661

Deuteranopia

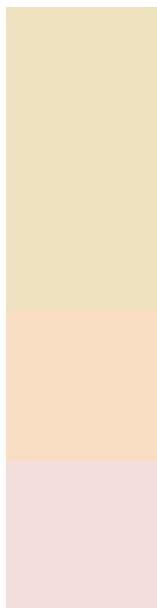
76.5699, 0.3531, 0.3505



Tritanopia

76.7133, 0.3192, 0.3118

Trichromacy



Original Color

76.5050, 0.3455, 0.3661

Protanomaly

76.5050, 0.3455, 0.3661

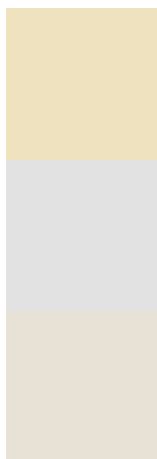
Deuteranomaly

76.3678, 0.3503, 0.3560

Tritanomaly

76.4645, 0.3291, 0.3311

Monochromacy



Original Color

76.5050, 0.3455, 0.3661

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1857, 0.3248, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5050, 0.3455, 0.3661 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, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 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(239, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 191) }
```

Border

The CSS property to change the border of an element to Yxy 76.5050, 0.3455, 0.3661 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, 226, 191) }
```

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

```
.border{ border-color:rgb(239, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5050, 0.3455, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 191) }
```

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

```
.background{ background-color: rgb(239,  
226, 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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