

Converting Colors

$Y_{xy}(77.2759, 0.3280, 0.3619)$

Have a look what the booklet for
Yxy(77.2759, 0.3280, 0.3619)
contains.

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Color

Yxy(77.3764, 0.3278, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	E1E7C9
RGB	225, 231, 201
RGB Percent	88%, 91%, 79%
CMY	0.1178, 0.0941, 0.2117
CMYK	0.03, 0.00, 0.13, 0.09
HSL	72°, 38%, 85%
HSV	72°, 13%, 91%
XYZ	70.1632, 77.3764, 66.5030
YIQ	225.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

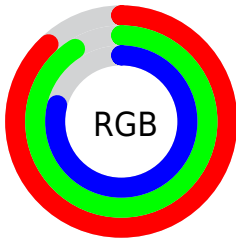
Format	Color
RYB	201, 231, 207
Decimal	14804937
CIELab	90.49, -7.14, 13.92
CIELCh	90, 15.647, 117.167
Yxy	77.3764, 0.3278, 0.3615
Android (android.graphics.Color)	4292995017 (0xFFE1E7C9)
YUV	225.7860, -12.2195, -0.6893
Hunter-Lab	87.9639, -11.5587, 16.7499

Details

The Yxy color **77.3764, 0.3278, 0.3615** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.8244, 0.2964, 0.2952**, and the grayscale version is **75.9765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3126, 0.3316, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **75.6348, 0.3395, 0.3878**, and if you desaturate by 10%, it is **79.3087, 0.3161, 0.3363**.

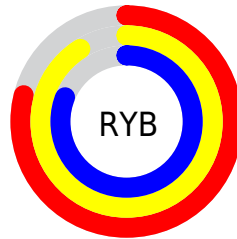
Distribution



Red (88%)

Green (91%)

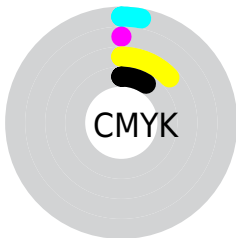
Blue (79%)



Red (79%)

Yellow (91%)

Blue (81%)

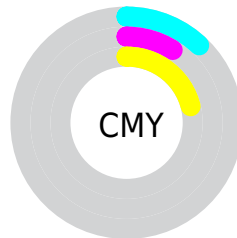


Cyan (3%)

Magenta (0%)

Yellow (13%)

Black (9%)



Cyan (12%)

Magenta (9%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3764, 0.3278, 0.3615 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 77.3764, 0.3278, 0.3615 by changing the saturation by 10% instead.

■ 77.3764, 0.3278,
0.3615

■ 77.3764, 0.3278,
0.3615

486.0464, 0.3210,
0.3464

■ 57.5619, 0.3293,
0.3650

129.6707, 0.3255,
0.3563

■ 41.4565, 0.3311,
0.3692

162.9192, 0.3246,
0.3542

■ 28.6760, 0.3334,
0.3746

201.4145, 0.3238,
0.3525

■ 18.8358, 0.3364,
0.3817

245.5409, 0.3231,
0.3509

■ 11.5517, 0.3402,
0.3914

295.6830, 0.3225,
0.3496

■ 6.4392, 0.3456,
0.4054

352.2250, 0.3219,

■ 3.1139, 0.3532,

0.3484

0.4272

415.5513, 0.3214,
0.3474

■ 1.1915, 0.3861,
0.4931

■ 0.0548, 0.0000,
1.0000

■ 77.3764, 0.3278,
0.3615

■ 77.3764, 0.3278,
0.3615

■ 75.6348, 0.3395,
0.3878

■ 79.3087, 0.3161,
0.3363

■ 74.0663, 0.3509,
0.4145

■ 81.4285, 0.3048,
0.3125

■ 72.6663, 0.3614,
0.4408

■ 82.7195, 0.3032,
0.3051

■ 71.4262, 0.3706,
0.4655

■ 83.5403, 0.3062,
0.3053

■ 70.3363, 0.3779,
0.4876

■ 84.3820, 0.3093,
0.3055

■ 69.3861, 0.3828,
0.5060

■ 85.2449, 0.3124,
0.3057

■ 68.5633, 0.3852,
0.5200

■ 85.6398, 0.3138,
0.3058

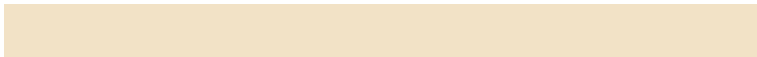
■ 67.8530, 0.3849,
0.5293

■ 67.4056, 0.3836,
0.5336

Harmonies

Analogous

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



77.3764, 0.3425, 0.3585



77.3764, 0.3278, 0.3615



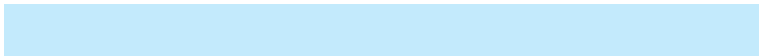
77.3764, 0.3094, 0.3551

Triad

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



77.3764, 0.3278, 0.3615



77.3764, 0.2775, 0.3088



77.3764, 0.3332, 0.3171

Complementary

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



77.3764, 0.3278, 0.3615



60.8244, 0.2964, 0.2952

Split Complementary

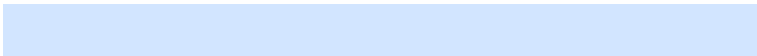
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3764, 0.3153, 0.3048



77.3764, 0.3278, 0.3615



77.3764, 0.2834, 0.2997

Square

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



77.3764, 0.3278, 0.3615



77.3764, 0.2807, 0.3239



77.3764, 0.2971, 0.2984



77.3764, 0.3458, 0.3326

Rectangle

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



77.3764, 0.3278, 0.3615



77.3764, 0.2975, 0.3464



77.3764, 0.2971, 0.2984



77.3764, 0.3276, 0.3125

Sweetspot

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



77.3798, 0.3278, 0.3615



98.9725, 0.3173, 0.3388



65.8415, 0.3355, 0.3356



21.1437, 0.3182, 0.3407



0.0000, 0.0000, 0.0000



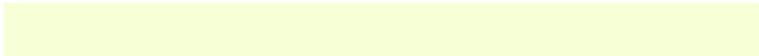
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3798, 0.3278, 0.3615



96.1187, 0.3314, 0.3696



75.0812, 0.3173, 0.3626



16.6628, 0.3237, 0.3524



37.8370, 0.3842, 0.5332



2.8333, 0.3896, 0.5289

Inverse Universe

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



60.8244, 0.2964, 0.2952



71.0111, 0.2920, 0.2864



63.0820, 0.3074, 0.2963



14.0263, 0.3011, 0.3049



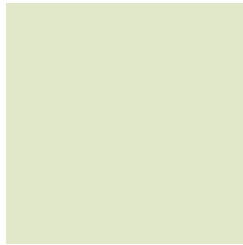
3.6092, 0.1601, 0.0656



0.3054, 0.1736, 0.0730

Previews

White Background



This preview shows how the Yxy color 77.3764, 0.3278, 0.3615 looks on a white background.

Color Contrast Check

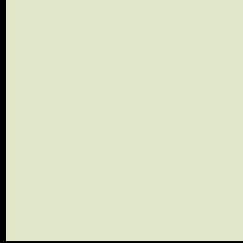
Large Text (above 18pt) WCAG AA × Fail

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 77.3764, 0.3278, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

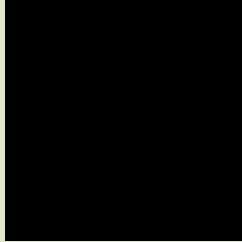
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

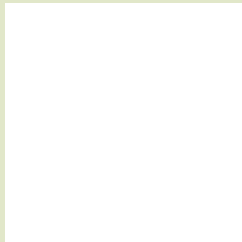
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3764, 0.3278, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 77.3764, 0.3278, 0.3615.

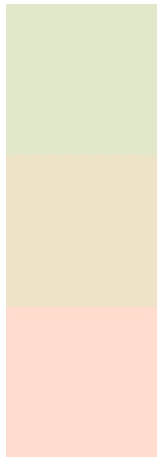


This preview shows how white text looks on a background with the Yxy color 77.3764, 0.3278, 0.3615.

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

77.3764, 0.3278, 0.3615

Protanopia

77.2388, 0.3391, 0.3586

Deuteranopia

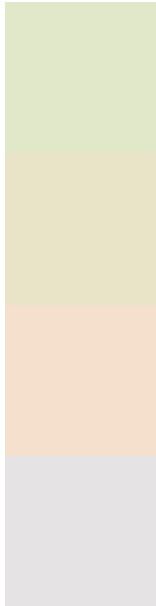
76.9026, 0.3481, 0.3433



Tritanopia

77.3104, 0.3054, 0.3104

Trichromacy



Original Color

77.3764, 0.3278, 0.3615

Protanomaly

76.9806, 0.3346, 0.3589

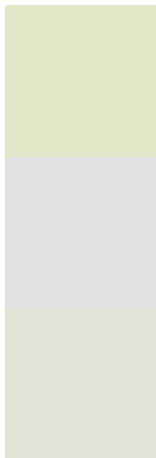
Deuteranomaly

76.9040, 0.3406, 0.3499

Tritanomaly

77.1976, 0.3135, 0.3280

Monochromacy



Original Color

77.3764, 0.3278, 0.3615

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.6653, 0.3184, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3764, 0.3278, 0.3615 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(225, 231, 201)` looks like.

```
.text, #text, p{  
    color:rgb(225, 231, 201)  
}
```

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(225, 231, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 201) }
```

Border

The CSS property to change the border of an element to Yxy 77.3764, 0.3278, 0.3615 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(225, 231, 201) }
```

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

```
.border{ border-color:rgb(225, 231, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 231, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3764, 0.3278, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 201) }
```

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

```
.background{ background-color: rgb(225,  
231, 201) }
```

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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