

Converting Colors

$Y_{xy}(75.4535, 0.3617, 0.3874)$

Have a look what the booklet for
Yxy(75.4535, 0.3617, 0.3874)
contains.

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Color

Yxy(75.4535, 0.3617, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	F1E1AA
RGB	241, 225, 170
RGB Percent	95%, 88%, 67%
CMY	0.0550, 0.1176, 0.3334
CMYK	0.00, 0.07, 0.29, 0.06
HSL	47°, 72%, 81%
HSV	47°, 29%, 94%
XYZ	70.4479, 75.4535, 48.8675
YIQ	223.5140, 27.1910, -13.7130

Conversions

Conversions Part 2

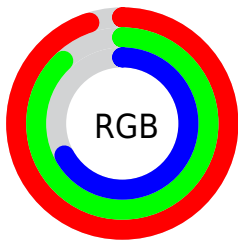
Format	Color
RYB	191, 241, 170
Decimal	15851946
CIELab	89.60, -2.70, 28.95
CIElCh	90, 29.077, 95.327
Yxy	75.4535, 0.3617, 0.3874
Android (android.graphics.Color)	4294042026 (0xFFFF1E1AA)
YUV	223.5140, -26.3824, 15.3352
Hunter-Lab	86.8640, -7.2459, 27.4497

Details

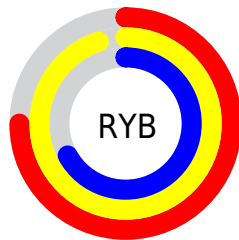
The Yxy color **75.4535, 0.3617, 0.3874** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9819, 0.2629, 0.2628**, and the grayscale version is **74.3521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **40.2242, 0.3728, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **71.7446, 0.3800, 0.4073**, and if you desaturate by 10%, it is **79.4293, 0.3440, 0.3671**.

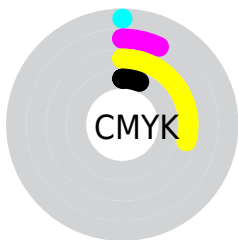
Distribution



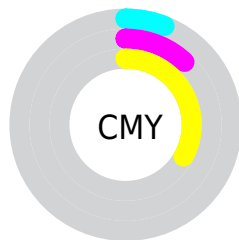
- Red (95%)
- Green (88%)
- Blue (67%)



- Red (75%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4535, 0.3617, 0.3874 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 75.4535, 0.3617, 0.3874 by changing the saturation by 10% instead.


 75.4535, 0.3617,
0.3874

 75.4535, 0.3617,
0.3874

479.4749, 0.3395,
0.3606

 55.9845, 0.3666,
0.3934


 126.9541, 0.3541,
0.3782

 40.1905, 0.3726,
0.4007


159.7545, 0.3511,
0.3746

 27.6871, 0.3800,
0.4099


197.7675, 0.3485,
0.3714

 18.0899, 0.3893,
0.4216

241.3774, 0.3462,
0.3687

 11.0146, 0.4014,
0.4369

290.9687, 0.3442,
0.3663

 6.0766, 0.4170,
0.4574

346.9258, 0.3425,

 2.8917, 0.4465,

0.3642

0.4954

409.6331, 0.3409,
0.3623

■ 1.0755, 0.4688,
0.5312

■ 0.0000, 0.0000,
0.0000

■ 75.4535, 0.3617,
0.3874

■ 75.4535, 0.3617,
0.3874

■ 71.7446, 0.3800,
0.4073

■ 79.4293, 0.3440,
0.3671

■ 68.2824, 0.3984,
0.4260

■ 83.6710, 0.3274,
0.3472

■ 65.0593, 0.4161,
0.4424

■ 88.1907, 0.3119,
0.3280

■ 62.0633, 0.4324,
0.4554

■ 92.2429, 0.3043,
0.3208

■ 59.2809, 0.4465,
0.4643

■ 95.5982, 0.3042,
0.3261

■ 56.6960, 0.4577,
0.4683

■ 97.4363, 0.3041,
0.3290

■ 54.2836, 0.4660,
0.4679

■ 54.1576, 0.4665,
0.4678

Harmonies

Analogous

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



75.4535, 0.3797, 0.3692



75.4535, 0.3617, 0.3874



75.4535, 0.3310, 0.3898

Triad

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



75.4535, 0.3617, 0.3874



75.4535, 0.2507, 0.3097



75.4535, 0.3266, 0.2901

Complementary

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



75.4535, 0.3617, 0.3874



49.9819, 0.2629, 0.2628

Split Complementary

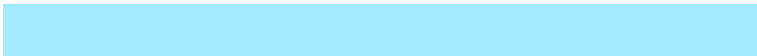
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4535, 0.2918, 0.2753



75.4535, 0.3617, 0.3874



75.4535, 0.2496, 0.2848

Square

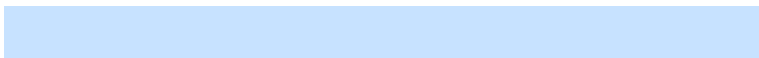
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4535, 0.3617, 0.3874



75.4535, 0.2674, 0.3427



75.4535, 0.2641, 0.2730



75.4535, 0.3591, 0.3140

Rectangle

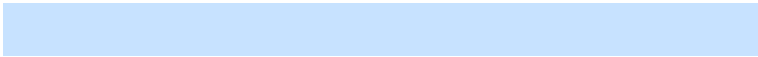
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4535, 0.3617, 0.3874



75.4535, 0.3078, 0.3807



75.4535, 0.2641, 0.2730



75.4535, 0.3147, 0.2840

Sweetspot

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



75.4569, 0.3617, 0.3874



95.3619, 0.3267, 0.3463



51.0044, 0.3631, 0.3110



20.2561, 0.3290, 0.3492



0.0000, 0.0000, 0.0000



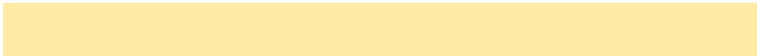
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4569, 0.3617, 0.3874



83.3864, 0.3720, 0.3987



81.3329, 0.3437, 0.4061



17.8212, 0.3274, 0.3472



29.5865, 0.4655, 0.4686



2.6073, 0.4582, 0.4744

Inverse Universe

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



49.9819, 0.2629, 0.2628



50.3378, 0.2522, 0.2477



45.8963, 0.2746, 0.2461



15.8049, 0.2980, 0.3101



5.0483, 0.1567, 0.0840



0.5645, 0.1633, 0.1078

Previews

White Background



This preview shows how the Yxy color 75.4535, 0.3617, 0.3874 looks on a white background.

Color Contrast Check

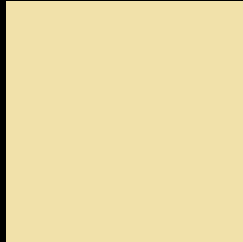
Large Text (above 18pt) WCAG AA × Fail

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 75.4535, 0.3617, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

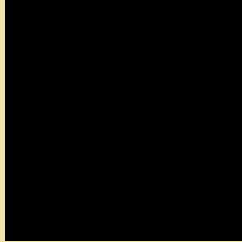
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4535, 0.3617, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 75.4535, 0.3617, 0.3874.



This preview shows how white text looks on a background with the Yxy color 75.4535, 0.3617, 0.3874.

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

75.4535, 0.3617, 0.3874

Protanopia

75.4535, 0.3617, 0.3874

Deuteranopia

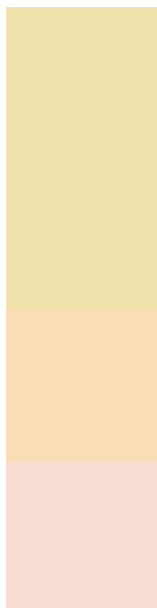
75.5539, 0.3613, 0.3609



Tritanopia

75.7060, 0.3243, 0.3119

Trichromacy



Original Color

75.4535, 0.3617, 0.3874

Protanomaly

75.4535, 0.3617, 0.3874

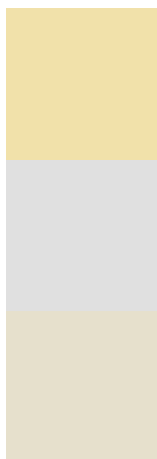
Deuteranomaly

75.3731, 0.3620, 0.3706

Tritanomaly

75.4824, 0.3378, 0.3384

Monochromacy



Original Color

75.4535, 0.3617, 0.3874

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4939, 0.3303, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4535, 0.3617, 0.3874 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(241, 225, 170)` looks like.

```
.text, #text, p{  
    color:rgb(241, 225, 170)  
}
```

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(241, 225, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 225, 170) }
```

Border

The CSS property to change the border of an element to Yxy 75.4535, 0.3617, 0.3874 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(241, 225, 170) }
```

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

```
.border{ border-color:rgb(241, 225, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 225, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 225, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 225, 170);  
box-shadow:4px 4px 4px 4px rgb(241, 225,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4535, 0.3617, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 225, 170) }
```

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

```
.background{ background-color: rgb(241,  
225, 170) }
```

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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