

Converting Colors

$Yxy(66.6917, 0.3577, 0.3689)$

Have a look what the booklet for
Yxy(66.6917, 0.3577, 0.3689)
contains.

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Color

Yxy(66.6416, 0.3575, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	EAD2AE
RGB	234, 210, 174
RGB Percent	92%, 82%, 68%
CMY	0.0823, 0.1764, 0.3177
CMYK	0.00, 0.10, 0.26, 0.08
HSL	36°, 59%, 80%
HSV	36°, 26%, 92%
XYZ	64.6172, 66.6416, 49.4887
YIQ	213.0720, 25.8600, -6.1080

Conversions

Conversions Part 2

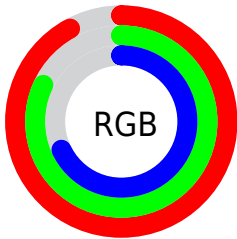
Format	Color
RYB	214, 234, 174
Decimal	15389358
CIELab	85.32, 2.91, 20.92
CIELCh	85, 21.124, 82.071
Yxy	66.6416, 0.3575, 0.3687
Android (android.graphics.Color)	4293579438 (0xFFEAD2AE)
YUV	213.0720, -19.2625, 18.3539
Hunter-Lab	81.6343, -1.5693, 21.2010

Details

The Yxy color $66.6416, 0.3575, 0.3687$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $55.3129, 0.2712, 0.2858$, and the grayscale version is $66.7094, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $34.6224, 0.3690, 0.3791$ is the 20% darker color. If you saturate the color by 10%, you get $61.3248, 0.3783, 0.3848$, and if you desaturate by 10%, it is $72.3935, 0.3385, 0.3527$.

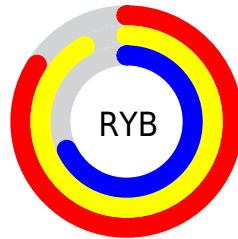
Distribution



Red (92%)

Green (82%)

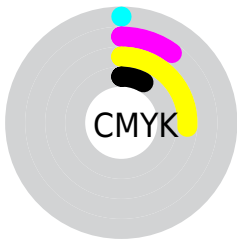
Blue (68%)



Red (84%)

Yellow (92%)

Blue (68%)

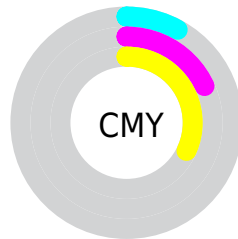


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6416, 0.3575, 0.3687 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 66.6416, 0.3575, 0.3687 by changing the saturation by 10% instead.


 66.6416, 0.3575,
0.3687

 66.6416, 0.3575,
0.3687


448.6680, 0.3364,
0.3503

 48.7934, 0.3624,
0.3729

 114.4067, 0.3501,
0.3623

 34.4556, 0.3684,
0.3781


145.0924, 0.3473,
0.3598

 23.2439, 0.3761,
0.3846


180.8261, 0.3449,
0.3577

 14.7737, 0.3861,
0.3931

221.9922, 0.3427,
0.3558

 8.6607, 0.3997,
0.4043

268.9750, 0.3409,
0.3542

 4.5205, 0.4190,
0.4199

322.1590, 0.3392,

 1.9688, 0.4588,

0.3527

0.4528

381.9285, 0.3378,
0.3514

0.5892, 0.5172,
0.4828

0.0000, 0.0000,
0.0000

66.6416, 0.3575,
0.3687

66.6416, 0.3575,
0.3687

61.3248, 0.3783,
0.3848

72.3935, 0.3385,
0.3527

56.4212, 0.4007,
0.4003

78.5835, 0.3215,
0.3373

51.9201, 0.4240,
0.4143

85.2262, 0.3063,
0.3228

47.8068, 0.4475,
0.4257

91.4957, 0.2999,
0.3214

■ 44.0651, 0.4700,
0.4332

■ 96.2332, 0.2999,
0.3290

■ 40.6768, 0.4901,
0.4357

■ 37.6205, 0.5068,
0.4329

■ 36.3826, 0.5134,
0.4306

Harmonies

Analogous

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



66.6416, 0.3649, 0.3516



66.6416, 0.3575, 0.3687



66.6416, 0.3380, 0.3757

Triad

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



66.6416, 0.3575, 0.3687



66.6416, 0.2696, 0.3255



66.6416, 0.3115, 0.2929

Complementary

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



66.6416, 0.3575, 0.3687



55.3129, 0.2712, 0.2858

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.



66.6416, 0.2866, 0.2857



66.6416, 0.3575, 0.3687



66.6416, 0.2631, 0.3031

Square

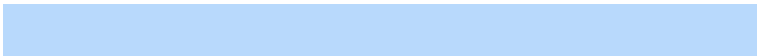
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6416, 0.3575, 0.3687



66.6416, 0.2873, 0.3502



66.6416, 0.2692, 0.2890



66.6416, 0.3378, 0.3088

Rectangle

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



66.6416, 0.3575, 0.3687



66.6416, 0.3210, 0.3728



66.6416, 0.2692, 0.2890



66.6416, 0.3027, 0.2894

Sweetspot

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



66.6446, 0.3575, 0.3687



93.6616, 0.3254, 0.3409



51.8326, 0.3457, 0.3024



19.8008, 0.3279, 0.3432



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.



66.6446, 0.3575, 0.3687



77.3807, 0.3687, 0.3776



78.3974, 0.3471, 0.3940



16.5580, 0.3278, 0.3431



20.6969, 0.5115, 0.4321



1.8126, 0.4953, 0.4449

Inverse Universe

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



55.3129, 0.2712, 0.2858



61.3380, 0.2617, 0.2749



45.9044, 0.2729, 0.2567



15.5372, 0.2980, 0.3145



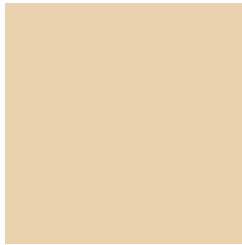
8.0222, 0.1685, 0.1265



0.8136, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 66.6416, 0.3575, 0.3687 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 66.6416, 0.3575, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

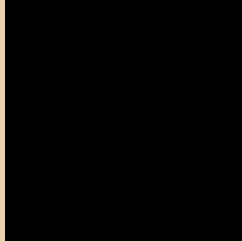
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6416, 0.3575, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 66.6416, 0.3575, 0.3687.



This preview shows how white text looks on a background with the Yxy color 66.6416, 0.3575, 0.3687.

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

66.6416, 0.3575, 0.3687

Protanopia

66.8524, 0.3496, 0.3716

Deuteranopia

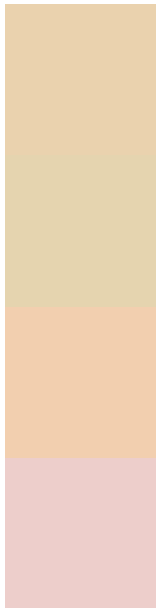
66.5319, 0.3686, 0.3610



Tritanopia

66.7038, 0.3281, 0.3121

Trichromacy



Original Color

66.6416, 0.3575, 0.3687

Protanomaly

66.8401, 0.3522, 0.3702

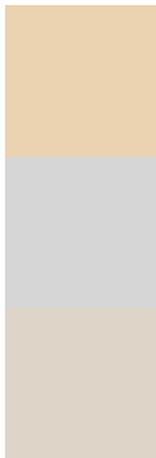
Deuteranomaly

66.5980, 0.3640, 0.3636

Tritanomaly

66.4589, 0.3389, 0.3323

Monochromacy



Original Color

66.6416, 0.3575, 0.3687

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5826, 0.3286, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6416, 0.3575, 0.3687 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(234, 210, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 210, 174)  
}
```

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(234, 210, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 210, 174) }
```

Border

The CSS property to change the border of an element to Yxy 66.6416, 0.3575, 0.3687 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(234, 210, 174) }
```

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

```
.border{ border-color:rgb(234, 210, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 210, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 210, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 210, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 210,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6416, 0.3575, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 210, 174) }
```

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

```
.background{ background-color: rgb(234,  
210, 174) }
```

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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