

Converting Colors

$Yxy(67.1657, 0.3757, 0.3948)$

Have a look what the booklet for
Yxy(67.1657, 0.3757, 0.3948)
contains.

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Color

Yxy(67.3259, 0.3762, 0.3954)

Conversions

Conversions Part 1

Format	Color
Hex	EDD497
RGB	237, 212, 151
RGB Percent	93%, 83%, 59%
CMY	0.0705, 0.1686, 0.4079
CMYK	0.00, 0.11, 0.36, 0.07
HSL	43°, 71%, 76%
HSV	43°, 36%, 93%
XYZ	64.0567, 67.3259, 38.8903
YIQ	212.5210, 34.4810, -13.6710

Conversions

Conversions Part 2

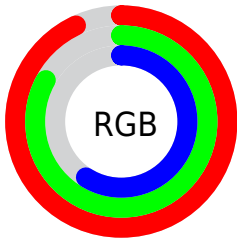
Format	Color
R _{YB}	186, 237, 151
Decimal	15586455
CIE Lab	85.67, 0.15, 33.39
CIE LCh	86, 33.388, 89.744
Yxy	67.3259, 0.3762, 0.3954
Android (android.graphics.Color)	4293776535 (0xFFEDD497)
YUV	212.5210, -30.3299, 21.4681
Hunter-Lab	82.0524, -4.2402, 29.3350

Details

The Yxy color **67.3259, 0.3762, 0.3954** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.7424, 0.2510, 0.2520**, and the grayscale version is **66.3939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **35.0579, 0.3910, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **63.2628, 0.3961, 0.4132**, and if you desaturate by 10%, it is **71.6970, 0.3570, 0.3768**.

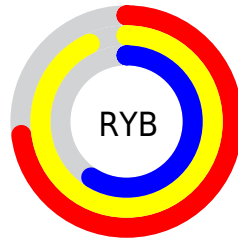
Distribution



Red (93%)

Green (83%)

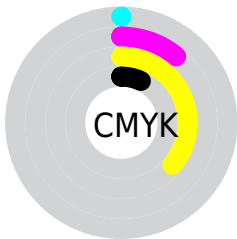
Blue (59%)



Red (73%)

Yellow (93%)

Blue (59%)

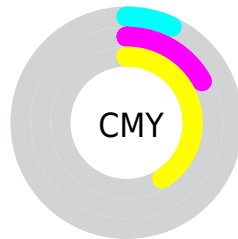


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (7%)



Cyan (7%)


Magenta (17%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3259, 0.3762, 0.3954 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 67.3259, 0.3762, 0.3954 by changing the saturation by 10% instead.


 67.3259, 0.3762,
0.3954


 67.3259, 0.3762,
0.3954


451.1039, 0.3468,
0.3647

 49.3495, 0.3828,
0.4023


 115.3873, 0.3661,
0.3848

 34.8968, 0.3908,
0.4107


 146.2410, 0.3621,
0.3807

 23.5834, 0.4008,
0.4210


182.1561, 0.3587,
0.3771

 15.0249, 0.4133,
0.4341

223.5168, 0.3557,
0.3740

 8.8368, 0.4293,
0.4508

270.7075, 0.3531,
0.3712

 4.6349, 0.4501,
0.4724

324.1127, 0.3508,

 2.0347, 0.4881,

0.3688

0.5119

384.1167, 0.3487,
0.3666

0.6275, 0.4888,
0.5112

0.0000, 0.0000,
0.0000

67.3259, 0.3762,
0.3954

67.3259, 0.3762,
0.3954

63.2628, 0.3961,
0.4132

71.6970, 0.3570,
0.3768

59.4873, 0.4161,
0.4293

76.3772, 0.3390,
0.3581

55.9903, 0.4353,
0.4425

81.3792, 0.3224,
0.3400

52.7583, 0.4527,
0.4517

86.7122, 0.3073,
0.3227

■ 49.7756, 0.4676,
0.4561

■ 91.4159, 0.3018,
0.3205

■ 47.0232, 0.4793,
0.4556

■ 95.6962, 0.3018,
0.3273

■ 46.0516, 0.4832,
0.4546

■ 96.7468, 0.3017,
0.3290

Harmonies

Analogous

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



67.3259, 0.3943, 0.3705



67.3259, 0.3762, 0.3954



67.3259, 0.3415, 0.4033

Triad

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



67.3259, 0.3762, 0.3954



67.3259, 0.2418, 0.3123



67.3259, 0.3211, 0.2790

Complementary

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



67.3259, 0.3762, 0.3954



43.7424, 0.2510, 0.2520

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.



67.3259, 0.2806, 0.2642



67.3259, 0.3762, 0.3954



67.3259, 0.2371, 0.2805

Square

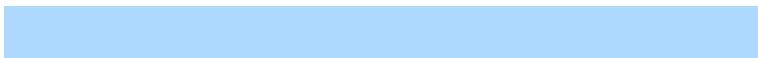
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3259, 0.3762, 0.3954



67.3259, 0.2643, 0.3527



67.3259, 0.2508, 0.2641



67.3259, 0.3616, 0.3052

Rectangle

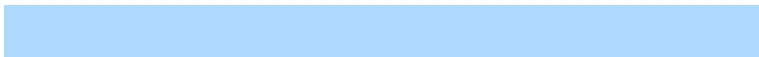
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3259, 0.3762, 0.3954



67.3259, 0.3141, 0.3955



67.3259, 0.2508, 0.2641



67.3259, 0.3070, 0.2726

Sweetspot

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



67.3290, 0.3762, 0.3954



93.2301, 0.3301, 0.3485



43.3016, 0.3738, 0.3003



19.7835, 0.3324, 0.3510



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.



67.3290, 0.3762, 0.3954



75.6820, 0.3918, 0.4096



77.9955, 0.3547, 0.4234



16.8442, 0.3275, 0.3456



25.3764, 0.4819, 0.4556



2.1569, 0.4712, 0.4641

Inverse Universe

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



43.7424, 0.2510, 0.2520



43.8653, 0.2364, 0.2317



36.5897, 0.2593, 0.2230



15.2624, 0.2980, 0.3118



5.8514, 0.1605, 0.0978



0.6201, 0.1680, 0.1249

Previews

White Background



This preview shows how the Yxy color 67.3259, 0.3762, 0.3954 looks on a white background.

Color Contrast Check

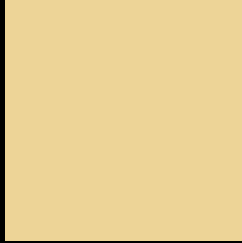
Large Text (above 18pt) WCAG AA × Fail

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 67.3259, 0.3762, 0.3954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

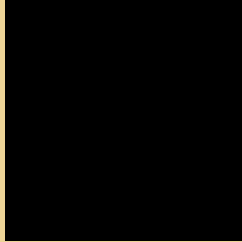
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3259, 0.3762, 0.3954

Background



This preview shows how black text looks on a background with the Yxy color 67.3259, 0.3762, 0.3954.



This preview shows how white text looks on a background with the Yxy color 67.3259, 0.3762, 0.3954.

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

67.3259, 0.3762, 0.3954

Protanopia

67.3491, 0.3699, 0.3975

Deuteranopia

67.1896, 0.3928, 0.3840



Tritanopia

67.0594, 0.3328, 0.3123

Trichromacy



Original Color

67.3259, 0.3762, 0.3954

Protanomaly

67.1791, 0.3719, 0.3961

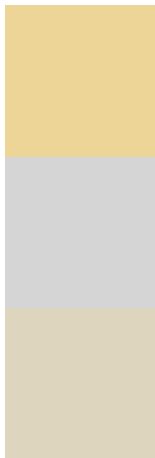
Deuteranomaly

67.3352, 0.3859, 0.3882

Tritanomaly

66.7384, 0.3489, 0.3420

Monochromacy



Original Color

67.3259, 0.3762, 0.3954

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.8358, 0.3356, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3259, 0.3762, 0.3954 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(237, 212, 151)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 151)  
}
```

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(237, 212, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 151) }
```

Border

The CSS property to change the border of an element to Yxy 67.3259, 0.3762, 0.3954 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(237, 212, 151) }
```

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

```
.border{ border-color:rgb(237, 212, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 212, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 151);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3259, 0.3762, 0.3954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 151) }
```

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

```
.background{ background-color: rgb(237,  
212, 151) }
```

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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