

Converting Colors

$Yxy(67.3277, 0.3654, 0.3804)$

Have a look what the booklet for
Yxy(67.3277, 0.3654, 0.3804)
contains.

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Color

Yxy(67.6364, 0.3652, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	ECD4A5
RGB	236, 212, 165
RGB Percent	93%, 83%, 65%
CMY	0.0744, 0.1686, 0.3529
CMYK	0.00, 0.10, 0.30, 0.07
HSL	40°, 65%, 79%
HSV	40°, 30%, 93%
XYZ	64.9338, 67.6364, 45.2332
YIQ	213.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

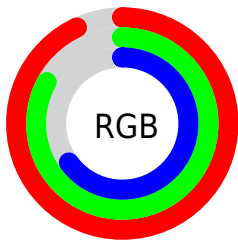
Format	Color
R_{YB}	201, 236, 165
Decimal	15520933
CIE Lab	85.82, 1.47, 26.33
CIE LCh	86, 26.368, 86.808
Yxy	67.6364, 0.3652, 0.3804
Android (android.graphics.Color)	4293711013 (0xFFECD4A5)
YUV	213.8180, -24.0673, 19.4536
Hunter-Lab	82.2414, -2.9874, 24.9591

Details

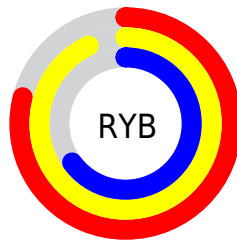
The Yxy color **67.6364, 0.3652, 0.3804** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.4691, 0.2629, 0.2715**, and the grayscale version is **67.2703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **35.2297, 0.3769, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **62.9633, 0.3856, 0.3978**, and if you desaturate by 10%, it is **72.6718, 0.3461, 0.3628**.

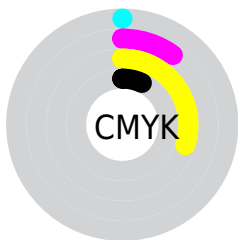
Distribution



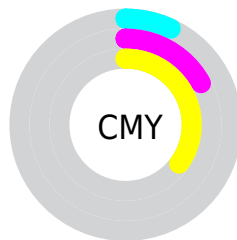
- Red (93%)
- Green (83%)
- Blue (65%)



- Red (79%)
- Yellow (93%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (7%)




- Cyan (7%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6364, 0.3652, 0.3804 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 67.6364, 0.3652, 0.3804 by changing the saturation by 10% instead.

 67.6364, 0.3652,
0.3804


 67.6364, 0.3652,
0.3804

452.2067, 0.3407,
0.3566

 49.6020, 0.3708,
0.3858


 115.8318, 0.3567,
0.3722

 35.0973, 0.3777,
0.3924


 146.7616, 0.3534,
0.3689

 23.7378, 0.3863,
0.4007


182.7587, 0.3505,
0.3662

 15.1392, 0.3974,
0.4113

224.2074, 0.3481,
0.3638

 8.9172, 0.4122,
0.4253

271.4922, 0.3459,
0.3616

 4.6872, 0.4323,
0.4439

324.9974, 0.3440,

 2.0649, 0.4873,

0.3597

0.4966

385.1074, 0.3423,
0.3581

0.6448, 0.5015,
0.4985

0.0000, 0.0000,
0.0000

67.6364, 0.3652,
0.3804

67.6364, 0.3652,
0.3804

62.9633, 0.3856,
0.3978

72.6718, 0.3461,
0.3628

58.6316, 0.4068,
0.4141

78.0711, 0.3287,
0.3456

54.6320, 0.4282,
0.4283

83.8475, 0.3128,
0.3291

50.9509, 0.4488,
0.4393

89.7229, 0.3012,
0.3180

■ 47.5729, 0.4675,
0.4459

■ 94.6320, 0.3012,
0.3259

■ 44.4805, 0.4833,
0.4474

■ 96.5772, 0.3011,
0.3290

■ 41.6698, 0.4960,
0.4443

Harmonies

Analogous

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



67.6364, 0.3774, 0.3603



67.6364, 0.3652, 0.3804



67.6364, 0.3390, 0.3872

Triad

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



67.6364, 0.3652, 0.3804



67.6364, 0.2573, 0.3194



67.6364, 0.3163, 0.2873

Complementary

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



67.6364, 0.3652, 0.3804



50.4691, 0.2629, 0.2715

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.



67.6364, 0.2847, 0.2764



67.6364, 0.3652, 0.3804



67.6364, 0.2519, 0.2930

Square

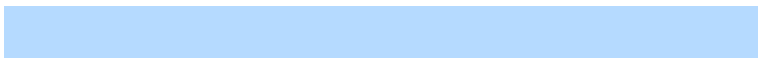
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6364, 0.3652, 0.3804



67.6364, 0.2769, 0.3507



67.6364, 0.2616, 0.2780



67.6364, 0.3485, 0.3078

Rectangle

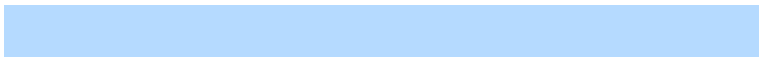
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6364, 0.3652, 0.3804



67.6364, 0.3175, 0.3821



67.6364, 0.2616, 0.2780



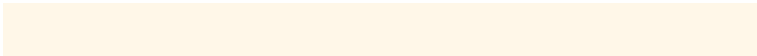
67.6364, 0.3052, 0.2824

Sweetspot

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



67.6395, 0.3652, 0.3804



93.7543, 0.3269, 0.3438



48.4623, 0.3566, 0.3014



19.8586, 0.3293, 0.3463



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.



67.6395, 0.3652, 0.3804



77.1902, 0.3774, 0.3910



78.7901, 0.3504, 0.4062



16.7187, 0.3276, 0.3445



23.2126, 0.4945, 0.4456



1.9995, 0.4814, 0.4560

Inverse Universe

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



50.4691, 0.2629, 0.2715



53.7274, 0.2520, 0.2577



42.1616, 0.2674, 0.2428



15.3819, 0.2980, 0.3130



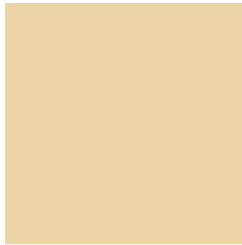
6.7034, 0.1638, 0.1095



0.6986, 0.1714, 0.1371

Previews

White Background



This preview shows how the Yxy color 67.6364, 0.3652, 0.3804 looks on a white background.

Color Contrast Check

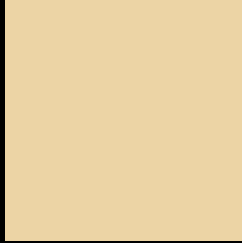
Large Text (above 18pt) WCAG AA × Fail

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 67.6364, 0.3652, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

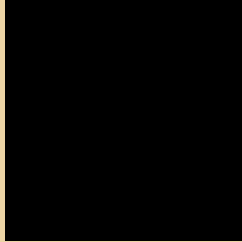
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6364, 0.3652, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 67.6364, 0.3652, 0.3804.



This preview shows how white text looks on a background with the Yxy color 67.6364, 0.3652, 0.3804.

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

67.6364, 0.3652, 0.3804

Protanopia

67.5043, 0.3583, 0.3824

Deuteranopia

67.5912, 0.3793, 0.3710



Tritanopia

67.7072, 0.3303, 0.3133

Trichromacy



Original Color

67.6364, 0.3652, 0.3804

Protanomaly

67.4975, 0.3610, 0.3809

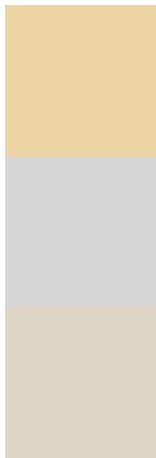
Deuteranomaly

67.4578, 0.3738, 0.3738

Tritanomaly

67.8071, 0.3432, 0.3376

Monochromacy



Original Color

67.6364, 0.3652, 0.3804

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1036, 0.3313, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6364, 0.3652, 0.3804 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(236, 212, 165)` looks like.

```
.text, #text, p{  
    color:rgb(236, 212, 165)  
}
```

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(236, 212, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 212, 165) }
```

Border

The CSS property to change the border of an element to Yxy 67.6364, 0.3652, 0.3804 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(236, 212, 165) }
```

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

```
.border{ border-color:rgb(236, 212, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 212, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 212, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 212, 165);  
box-shadow:4px 4px 4px 4px rgb(236, 212,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6364, 0.3652, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 212, 165) }
```

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

```
.background{ background-color: rgb(236,  
212, 165) }
```

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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