

Converting Colors

$Yxy(66.0470, 0.3612, 0.3671)$

Have a look what the booklet for
Yxy(66.0470, 0.3612, 0.3671)
contains.

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Color

Yxy(66.1334, 0.3612, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	EDD0AD
RGB	237, 208, 173
RGB Percent	93%, 82%, 68%
CMY	0.0704, 0.1844, 0.3215
CMYK	0.00, 0.12, 0.27, 0.07
HSL	33°, 64%, 80%
HSV	33°, 27%, 93%
XYZ	65.0351, 66.1334, 48.8843
YIQ	212.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

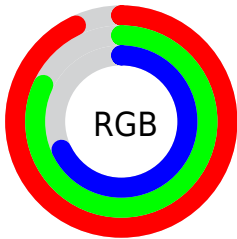
Format	Color
R _Y B	226, 237, 173
Decimal	15585453
CIE Lab	85.06, 4.97, 21.11
CIE LCh	85, 21.683, 76.742
Yxy	66.1334, 0.3612, 0.3673
Android (android.graphics.Color)	4293775533 (0xFFEDD0AD)
YUV	212.6810, -19.5627, 21.3278
Hunter-Lab	81.3224, 0.4355, 21.2855

Details

The Yxy color **66.1334, 0.3612, 0.3673** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.2793, 0.2693, 0.2874**, and the grayscale version is **66.4394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **34.1950, 0.3720, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **60.2303, 0.3832, 0.3821**, and if you desaturate by 10%, it is **72.5611, 0.3414, 0.3526**.

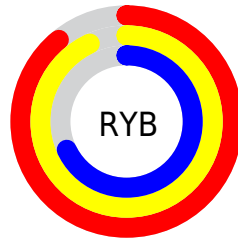
Distribution



Red (93%)

Green (82%)

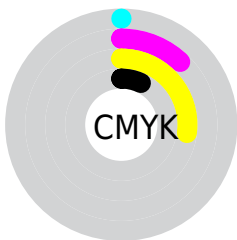
Blue (68%)



Red (89%)

Yellow (93%)

Blue (68%)

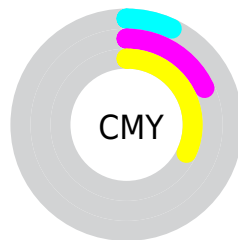


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1334, 0.3612, 0.3673 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 66.1334, 0.3612, 0.3673 by changing the saturation by 10% instead.


 66.1334, 0.3612,
0.3673

 66.1334, 0.3612,
0.3673

446.8538, 0.3383,
0.3496

 48.3807, 0.3665,
0.3713


 113.6778, 0.3532,
0.3612

 34.1285, 0.3731,
0.3762

144.2382, 0.3501,
0.3588

 22.9923, 0.3815,
0.3824

179.8368, 0.3474,
0.3567

 14.5878, 0.3924,
0.3903

220.8577, 0.3451,
0.3549

 8.5306, 0.4074,
0.4008

267.6855, 0.3431,
0.3534

 4.4363, 0.4287,
0.4150

320.7045, 0.3413,

 1.9205, 0.4739,

0.3520

0.4469

380.2992, 0.3398,
0.3507

0.5607, 0.5385,
0.4615

0.0000, 0.0000,
0.0000

66.1334, 0.3612,
0.3673

66.1334, 0.3612,
0.3673

60.2303, 0.3832,
0.3821

72.5611, 0.3414,
0.3526

54.8271, 0.4071,
0.3962

79.5190, 0.3238,
0.3385

49.9103, 0.4324,
0.4087

87.0243, 0.3083,
0.3251

45.4619, 0.4582,
0.4185

94.2356, 0.3018,
0.3250

■ 41.4624, 0.4830,
0.4242

■ 96.7512, 0.3018,
0.3290

■ 37.8900, 0.5054,
0.4249

■ 34.7186, 0.5241,
0.4200

■ 33.8371, 0.5293,
0.4179

Harmonies

Analogous

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



66.1334, 0.3662, 0.3484



66.1334, 0.3612, 0.3673



66.1334, 0.3429, 0.3767

Triad

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



66.1334, 0.3612, 0.3673



66.1334, 0.2708, 0.3299



66.1334, 0.3066, 0.2899

Complementary

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



66.1334, 0.3612, 0.3673



57.2793, 0.2693, 0.2874

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.



66.1334, 0.2819, 0.2842



66.1334, 0.3612, 0.3673



66.1334, 0.2620, 0.3059

Square

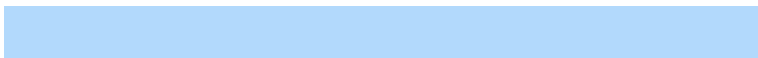
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1334, 0.3612, 0.3673



66.1334, 0.2907, 0.3550



66.1334, 0.2660, 0.2896



66.1334, 0.3340, 0.3049

Rectangle

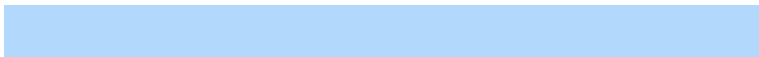
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1334, 0.3612, 0.3673



66.1334, 0.3260, 0.3756



66.1334, 0.2660, 0.2896



66.1334, 0.2977, 0.2869

Sweetspot

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



66.1364, 0.3612, 0.3673



92.9903, 0.3255, 0.3399



52.2149, 0.3443, 0.2964



19.6316, 0.3281, 0.3420



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.



66.1364, 0.3612, 0.3673



74.4206, 0.3722, 0.3749



81.2549, 0.3520, 0.3968



16.4177, 0.3279, 0.3419



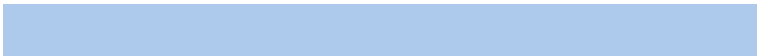
18.7332, 0.5270, 0.4198



1.6629, 0.5080, 0.4348

Inverse Universe

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



57.2793, 0.2693, 0.2874



62.4550, 0.2606, 0.2781



45.1458, 0.2673, 0.2516



15.6748, 0.2980, 0.3158



9.3966, 0.1731, 0.1430



0.9278, 0.1804, 0.1694

Previews

White Background



This preview shows how the Yxy color 66.1334, 0.3612, 0.3673 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 66.1334, 0.3612, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

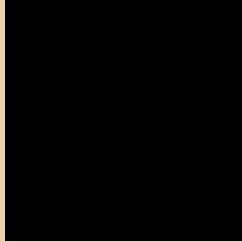
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1334, 0.3612, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 66.1334, 0.3612, 0.3673.



This preview shows how white text looks on a background with the Yxy color 66.1334, 0.3612, 0.3673.

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

66.1334, 0.3612, 0.3673

Protanopia

66.1897, 0.3491, 0.3707

Deuteranopia

66.0159, 0.3697, 0.3611



Tritanopia

66.1281, 0.3328, 0.3133

Trichromacy



Original Color

66.1334, 0.3612, 0.3673

Protanomaly

66.3025, 0.3532, 0.3703

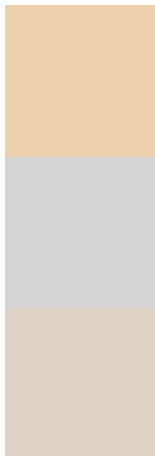
Deuteranomaly

65.7733, 0.3661, 0.3625

Tritanomaly

65.9280, 0.3431, 0.3323

Monochromacy



Original Color

66.1334, 0.3612, 0.3673

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1953, 0.3302, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1334, 0.3612, 0.3673 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, 208, 173)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 173)  
}
```

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, 208, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 173) }
```

Border

The CSS property to change the border of an element to Yxy 66.1334, 0.3612, 0.3673 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, 208, 173) }
```

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

```
.border{ border-color:rgb(237, 208, 173) }
```

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

Here you see how a box with a 4 pixel rgb(237, 208, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 173);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1334, 0.3612, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 173) }
```

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

```
.background{ background-color: rgb(237,  
208, 173) }
```

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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