

Converting Colors

Yxy(66.4869, 0.3657, 0.3605)

Have a look what the booklet for
Yxy(66.4869, 0.3657, 0.3605)
contains.

Yxy(66.6897, 0.3659, 0.3612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.6897, 0.3659, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	F5CEB0
RGB	245, 206, 176
RGB Percent	96%, 81%, 69%
CMY	0.0393, 0.1921, 0.3098
CMYK	0.00, 0.16, 0.28, 0.04
HSL	26°, 77%, 83%
HSV	26°, 28%, 96%
XYZ	67.5575, 66.6897, 50.3865
YIQ	214.2410, 32.8740, -1.0620

Conversions

Conversions Part 2

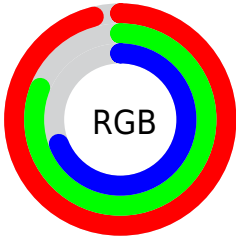
Format	Color
R_{YB}	245, 229, 176
Decimal	16109232
CIE _{Lab}	85.35, 9.38, 20.04
CIE _{LCh}	85, 22.125, 64.920
Yxy	66.6897, 0.3659, 0.3612
Android (android.graphics.Color)	4294299312 (0xFFFF5CEB0)
YUV	214.2410, -18.8528, 26.9756
Hunter-Lab	81.6638, 4.7550, 20.5827

Details

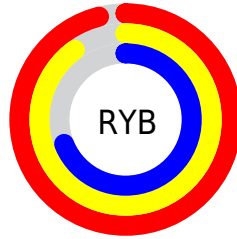
The Yxy color **66.6897, 0.3659, 0.3612** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.4030, 0.2682, 0.2944**, and the grayscale version is **67.5291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **34.5779, 0.3795, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **59.4363, 0.3903, 0.3731**, and if you desaturate by 10%, it is **74.7108, 0.3445, 0.3493**.

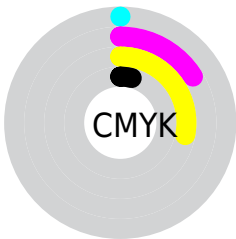
Distribution



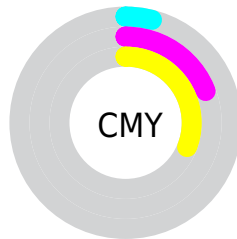
- Red (96%)
- Green (81%)
- Blue (69%)



- Red (96%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (4%)




- Cyan (4%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6897, 0.3659, 0.3612 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 66.6897, 0.3659, 0.3612 by changing the saturation by 10% instead.


 66.6897, 0.3659,
0.3612

 66.6897, 0.3659,
0.3612

448.8395, 0.3408,
0.3466

 48.8325, 0.3717,
0.3644


 114.4757, 0.3571,
0.3562

 34.4866, 0.3790,
0.3684


145.1732, 0.3537,
0.3542

 23.2677, 0.3883,
0.3733


180.9197, 0.3508,
0.3525

 14.7913, 0.4005,
0.3795

222.0995, 0.3482,
0.3510

 8.6730, 0.4171,
0.3875

269.0969, 0.3460,
0.3497

 4.5285, 0.4411,
0.3979

322.2965, 0.3441,

 1.9734, 0.4864,

0.3485

0.4184

382.0825, 0.3423,
0.3475

0.5919, 0.5721,
0.4279

0.0000, 0.0000,
0.0000

66.6897, 0.3659,
0.3612

66.6897, 0.3659,
0.3612

59.4363, 0.3903,
0.3731

74.7108, 0.3445,
0.3493

52.9169, 0.4175,
0.3844

83.5137, 0.3260,
0.3378

47.1087, 0.4471,
0.3941

93.1235, 0.3099,
0.3271

41.9839, 0.4779,
0.4010

98.1480, 0.3066,
0.3290

■ 37.5122, 0.5082,
0.4037

■ 33.6603, 0.5358,
0.4012

■ 30.3878, 0.5586,
0.3933

■ 29.8400, 0.5625,
0.3916

Harmonies

Analogous

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



66.6897, 0.3649, 0.3398



66.6897, 0.3659, 0.3612



66.6897, 0.3521, 0.3753

Triad

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



66.6897, 0.3659, 0.3612



66.6897, 0.2769, 0.3403



66.6897, 0.2959, 0.2857

Complementary

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



66.6897, 0.3659, 0.3612



64.4030, 0.2682, 0.2944

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.



66.6897, 0.2737, 0.2843



66.6897, 0.3659, 0.3612



66.6897, 0.2632, 0.3145

Square

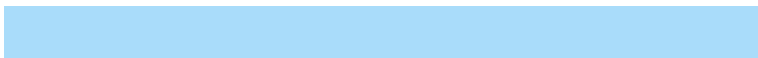
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6897, 0.3659, 0.3612



66.6897, 0.3004, 0.3639



66.6897, 0.2620, 0.2942



66.6897, 0.3235, 0.2975

Rectangle

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



66.6897, 0.3659, 0.3612



66.6897, 0.3367, 0.3779



66.6897, 0.2620, 0.2942



66.6897, 0.2876, 0.2840

Sweetspot

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



66.6928, 0.3659, 0.3612



91.6221, 0.3257, 0.3377



55.3704, 0.3402, 0.2878



19.2873, 0.3283, 0.3394



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.



66.6928, 0.3659, 0.3612



68.2540, 0.3800, 0.3683



85.0849, 0.3565, 0.3952



17.6688, 0.3283, 0.3393



16.3431, 0.5597, 0.3938



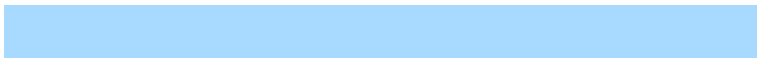
1.6369, 0.5379, 0.4111

Inverse Universe

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



64.4030, 0.2682, 0.2944



65.3443, 0.2587, 0.2859



48.7071, 0.2639, 0.2529



17.4801, 0.2980, 0.3184



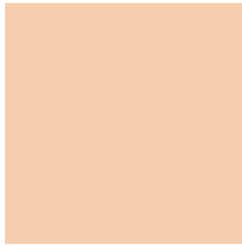
13.6848, 0.1833, 0.1799



1.4070, 0.1890, 0.2002

Previews

White Background



This preview shows how the Yxy color 66.6897, 0.3659, 0.3612 looks on a white background.

Color Contrast Check

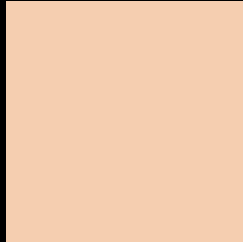
Large Text (above 18pt) WCAG AA × Fail

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 66.6897, 0.3659, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

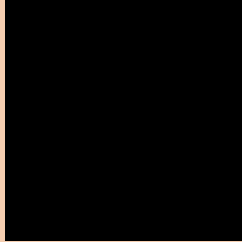
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6897, 0.3659, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 66.6897, 0.3659, 0.3612.



This preview shows how white text looks on a background with the Yxy color 66.6897, 0.3659, 0.3612.

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

66.6897, 0.3659, 0.3612

Protanopia

66.8507, 0.3459, 0.3672

Deuteranopia

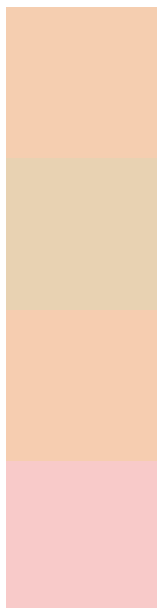
66.5714, 0.3678, 0.3600



Tritanopia

66.5904, 0.3401, 0.3125

Trichromacy



Original Color

66.6897, 0.3659, 0.3612

Protanomaly

66.4633, 0.3529, 0.3644

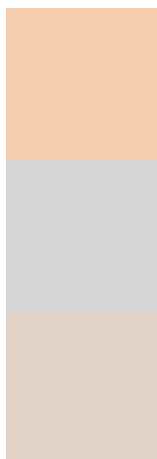
Deuteranomaly

66.3901, 0.3670, 0.3601

Tritanomaly

66.4146, 0.3498, 0.3302

Monochromacy



Original Color

66.6897, 0.3659, 0.3612

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.7662, 0.3310, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6897, 0.3659, 0.3612 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(245, 206, 176)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 176)  
}
```

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(245, 206, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 176) }
```

Border

The CSS property to change the border of an element to Yxy 66.6897, 0.3659, 0.3612 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(245, 206, 176) }
```

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

```
.border{ border-color:rgb(245, 206, 176) }
```

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

Here you see how a box with a 4 pixel rgb(245, 206, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 176);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6897, 0.3659, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 176) }
```

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

```
.background{ background-color: rgb(245,  
206, 176) }
```

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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