

Converting Colors

Yxy(66.4164, 0.3569, 0.3508)

Have a look what the booklet for
Yxy(66.4164, 0.3569, 0.3508)
contains.

Yxy(66.7001, 0.3574, 0.3516)	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(66.7001, 0.3574, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	F3CEB9
RGB	243, 206, 185
RGB Percent	95%, 81%, 73%
CMY	0.0469, 0.1922, 0.2745
CMYK	0.00, 0.15, 0.24, 0.05
HSL	22°, 71%, 84%
HSV	22°, 24%, 95%
XYZ	67.8004, 66.7001, 55.2040
YIQ	214.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

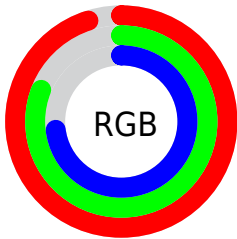
Format	Color
R _Y B	243, 218, 185
Decimal	15978169
CIE Lab	85.35, 9.89, 15.27
CIE LCh	85, 18.191, 57.065
Yxy	66.7001, 0.3574, 0.3516
Android (android.graphics.Color)	4294168249 (0xFFFF3CEB9)
YUV	214.6690, -14.6268, 24.8463
Hunter-Lab	81.6701, 5.2633, 17.0927

Details

The Yxy color **66.7001, 0.3574, 0.3516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0600, 0.2755, 0.3052**, and the grayscale version is **67.8100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **34.5615, 0.3681, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **58.6577, 0.3816, 0.3616**, and if you desaturate by 10%, it is **75.6615, 0.3366, 0.3418**.

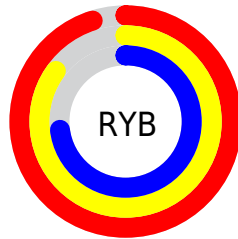
Distribution



Red (95%)

Green (81%)

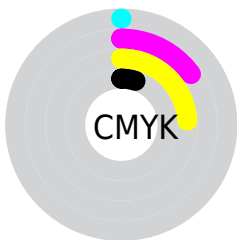
Blue (73%)



Red (95%)

Yellow (85%)

Blue (73%)

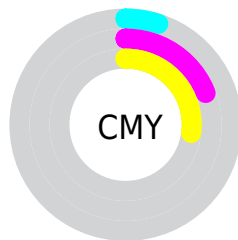


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7001, 0.3574, 0.3516 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 66.7001, 0.3574, 0.3516 by changing the saturation by 10% instead.

 66.7001, 0.3574,
0.3516

 66.7001, 0.3574,
0.3516

448.8765, 0.3362,
0.3413

 48.8409, 0.3623,
0.3539


 114.4906, 0.3500,
0.3481

 34.4933, 0.3685,
0.3567


145.1907, 0.3471,
0.3467

 23.2728, 0.3764,
0.3601


180.9399, 0.3447,
0.3455

 14.7951, 0.3868,
0.3645

222.1227, 0.3425,
0.3445

 8.6757, 0.4012,
0.3703

269.1233, 0.3407,
0.3435

 4.5303, 0.4224,
0.3779

322.3262, 0.3390,

 1.9744, 0.4569,

0.3427

0.3889

382.1158, 0.3376,
0.3420

0.5925, 0.5759,
0.4241

0.0000, 0.0000,
0.0000

66.7001, 0.3574,
0.3516

66.7001, 0.3574,
0.3516

58.6577, 0.3816,
0.3616

75.6615, 0.3366,
0.3418

51.4950, 0.4094,
0.3714

85.5614, 0.3189,
0.3324

45.1831, 0.4406,
0.3801

96.2407, 0.3054,
0.3266

39.6878, 0.4743,
0.3866

97.8013, 0.3054,
0.3290

■ 34.9724, 0.5087,
0.3897

■ 30.9967, 0.5413,
0.3881

■ 27.7159, 0.5690,
0.3812

■ 26.0214, 0.5832,
0.3751

Harmonies

Analogous

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



66.7001, 0.3532, 0.3332



66.7001, 0.3574, 0.3516



66.7001, 0.3491, 0.3650

Triad

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



66.7001, 0.3574, 0.3516



66.7001, 0.2877, 0.3438



66.7001, 0.2935, 0.2919

Complementary

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



66.7001, 0.3574, 0.3516



69.0600, 0.2755, 0.3052

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.



66.7001, 0.2770, 0.2933



66.7001, 0.3574, 0.3516



66.7001, 0.2738, 0.3226

Square

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



66.7001, 0.3574, 0.3516



66.7001, 0.3086, 0.3612



66.7001, 0.2699, 0.3042



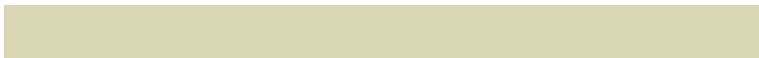
66.7001, 0.3157, 0.2996

Rectangle

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



66.7001, 0.3574, 0.3516



66.7001, 0.3379, 0.3689



66.7001, 0.2699, 0.3042



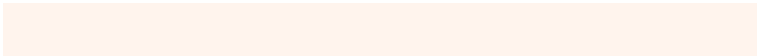
66.7001, 0.2871, 0.2913

Sweetspot

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



66.7031, 0.3574, 0.3516



91.8468, 0.3241, 0.3353



59.0760, 0.3312, 0.2894



19.5138, 0.3252, 0.3359



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.



66.7031, 0.3574, 0.3516



69.6078, 0.3695, 0.3568



81.5997, 0.3508, 0.3804



17.4634, 0.3285, 0.3376



14.5094, 0.5803, 0.3774



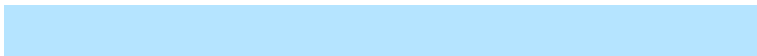
1.4631, 0.5566, 0.3963

Inverse Universe

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



69.0600, 0.2755, 0.3052



72.6796, 0.2674, 0.2993



55.2448, 0.2727, 0.2718



17.6911, 0.2980, 0.3202



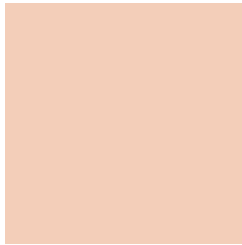
16.7067, 0.1906, 0.2060



1.6630, 0.1953, 0.2231

Previews

White Background



This preview shows how the Yxy color 66.7001, 0.3574, 0.3516 looks on a white background.

Color Contrast Check

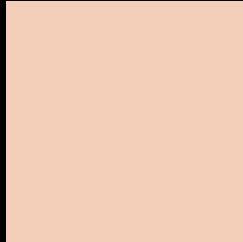
Large Text (above 18pt) WCAG AA × Fail

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 66.7001, 0.3574, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

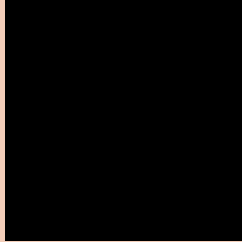
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7001, 0.3574, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 66.7001, 0.3574, 0.3516.



This preview shows how white text looks on a background with the Yxy color 66.7001, 0.3574, 0.3516.

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

66.7001, 0.3574, 0.3516

Protanopia

66.9073, 0.3379, 0.3571

Deuteranopia

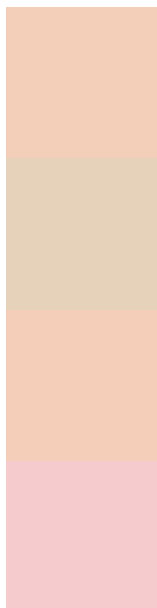
66.8785, 0.3582, 0.3516



Tritanopia

66.5572, 0.3369, 0.3124

Trichromacy



Original Color

66.7001, 0.3574, 0.3516

Protanomaly

66.5040, 0.3446, 0.3545

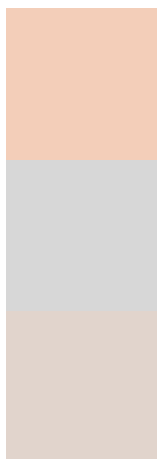
Deuteranomaly

66.8785, 0.3582, 0.3516

Tritanomaly

66.7125, 0.3450, 0.3270

Monochromacy



Original Color

66.7001, 0.3574, 0.3516

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4542, 0.3281, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7001, 0.3574, 0.3516 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(243, 206, 185)` looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 185)  
}
```

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(243, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 185) }
```

Border

The CSS property to change the border of an element to Yxy 66.7001, 0.3574, 0.3516 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(243, 206, 185) }
```

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

```
.border{ border-color:rgb(243, 206, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 206, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 206, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 206, 185);  
box-shadow:4px 4px 4px 4px rgb(243, 206,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7001, 0.3574, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 206, 185) }
```

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

```
.background{ background-color: rgb(243,  
206, 185) }
```

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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