

Converting Colors

$Yxy(66.0070, 0.3621, 0.3635)$

Have a look what the booklet for
Yxy(66.0070, 0.3621, 0.3635)
contains.

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Color

Yxy(66.2461, 0.3624, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	F0CFAF
RGB	240, 207, 175
RGB Percent	94%, 81%, 69%
CMY	0.0587, 0.1882, 0.3138
CMYK	0.00, 0.14, 0.27, 0.06
HSL	30°, 68%, 81%
HSV	30°, 27%, 94%
XYZ	65.9912, 66.2461, 49.8576
YIQ	213.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

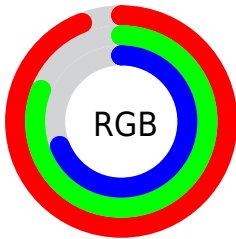
Format	Color
R_{YB}	240, 238, 175
Decimal	15781807
CIE _{Lab}	85.12, 6.87, 20.19
CIE _{LCh}	85, 21.332, 71.202
Yxy	66.2461, 0.3624, 0.3638
Android (android.graphics.Color)	4293971887 (0xFFFF0CF AF)
YUV	213.2190, -18.8420, 23.4869
Hunter-Lab	81.3917, 2.2896, 20.6553

Details

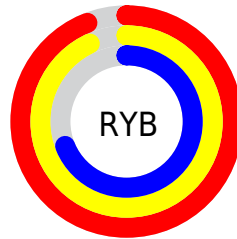
The Yxy color **66.2461, 0.3624, 0.3638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.5235, 0.2695, 0.2914**, and the grayscale version is **66.8099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **34.2549, 0.3747, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **59.7085, 0.3854, 0.3772**, and if you desaturate by 10%, it is **73.4134, 0.3420, 0.3505**.

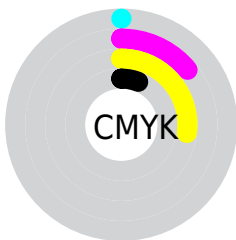
Distribution



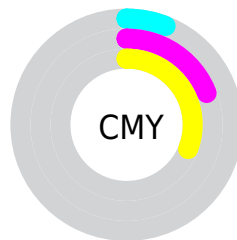
- Red (94%)
- Green (81%)
- Blue (69%)



- Red (94%)
- Yellow (93%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2461, 0.3624, 0.3638 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 66.2461, 0.3624, 0.3638 by changing the saturation by 10% instead.


 66.2461, 0.3624,
0.3638

 66.2461, 0.3624,
0.3638


447.2565, 0.3389,
0.3478

 48.4722, 0.3679,
0.3674


 113.8395, 0.3542,
0.3583

 34.2010, 0.3746,
0.3718


144.4278, 0.3510,
0.3561

 23.0480, 0.3833,
0.3773


180.0563, 0.3483,
0.3543

 14.6290, 0.3946,
0.3843

221.1095, 0.3459,
0.3527

 8.5594, 0.4102,
0.3935

267.9717, 0.3438,
0.3512

 4.4549, 0.4324,
0.4059

321.0273, 0.3420,

 1.9312, 0.4766,

0.3500

0.4316

380.6608, 0.3404,
0.3488

0.5670, 0.5548,
0.4452

0.0000, 0.0000,
0.0000

66.2461, 0.3624,
0.3638

66.2461, 0.3624,
0.3638

59.7085, 0.3854,
0.3772

73.4134, 0.3420,
0.3505

53.7723, 0.4107,
0.3900

81.2193, 0.3240,
0.3377

48.4203, 0.4380,
0.4013

89.6842, 0.3084,
0.3256

43.6308, 0.4662,
0.4099

97.2699, 0.3036,
0.3290

■ 39.3800, 0.4937,
0.4144

■ 35.6418, 0.5188,
0.4137

■ 32.3850, 0.5398,
0.4075

■ 31.5196, 0.5454,
0.4051

Harmonies

Analogous

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



66.2461, 0.3646, 0.3442



66.2461, 0.3624, 0.3638



66.2461, 0.3465, 0.3752

Triad

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



66.2461, 0.3624, 0.3638



66.2461, 0.2744, 0.3346



66.2461, 0.3018, 0.2887

Complementary

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



66.2461, 0.3624, 0.3638



60.5235, 0.2695, 0.2914

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.



66.2461, 0.2788, 0.2851



66.2461, 0.3624, 0.3638



66.2461, 0.2635, 0.3103

Square

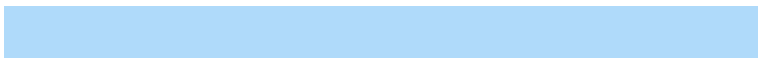
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2461, 0.3624, 0.3638



66.2461, 0.2955, 0.3585



66.2461, 0.2651, 0.2925



66.2461, 0.3288, 0.3020

Rectangle

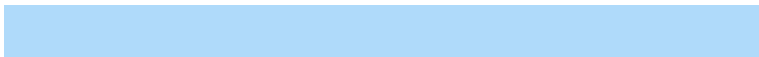
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2461, 0.3624, 0.3638



66.2461, 0.3306, 0.3757



66.2461, 0.2651, 0.2925



66.2461, 0.2934, 0.2863

Sweetspot

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



66.2491, 0.3624, 0.3638



92.3227, 0.3256, 0.3388



53.7672, 0.3416, 0.2928



19.4635, 0.3282, 0.3407



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.



66.2491, 0.3624, 0.3638



71.4156, 0.3759, 0.3719



83.3238, 0.3540, 0.3957



17.0436, 0.3281, 0.3406



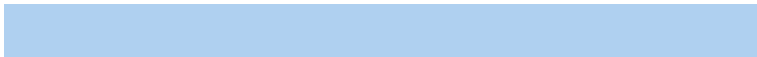
17.5153, 0.5429, 0.4071



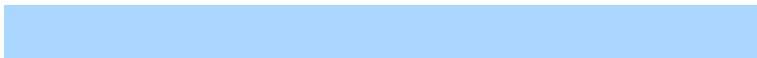
1.6559, 0.5223, 0.4234

Inverse Universe

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



60.5235, 0.2695, 0.2914



63.7429, 0.2596, 0.2817



46.4829, 0.2656, 0.2522



16.5557, 0.2980, 0.3171



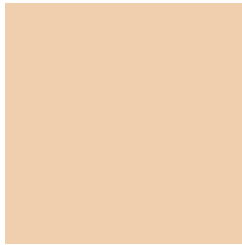
11.3137, 0.1779, 0.1605



1.1403, 0.1845, 0.1840

Previews

White Background



This preview shows how the Yxy color 66.2461, 0.3624, 0.3638 looks on a white background.

Color Contrast Check

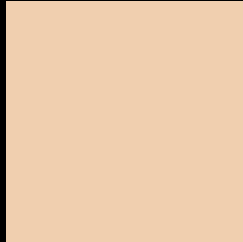
Large Text (above 18pt) WCAG AA × Fail

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 66.2461, 0.3624, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

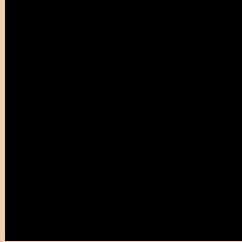
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2461, 0.3624, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 66.2461, 0.3624, 0.3638.



This preview shows how white text looks on a background with the Yxy color 66.2461, 0.3624, 0.3638.

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

66.2461, 0.3624, 0.3638

Protanopia

66.3089, 0.3469, 0.3672

Deuteranopia

66.3506, 0.3678, 0.3611



Tritanopia

66.1955, 0.3353, 0.3123

Trichromacy



Original Color

66.2461, 0.3624, 0.3638

Protanomaly

66.0905, 0.3520, 0.3657

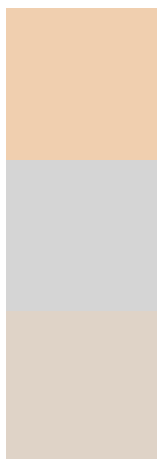
Deuteranomaly

66.4709, 0.3659, 0.3624

Tritanomaly

66.0308, 0.3449, 0.3302

Monochromacy



Original Color

66.2461, 0.3624, 0.3638

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4000, 0.3302, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2461, 0.3624, 0.3638 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(240, 207, 175)` looks like.

```
.text, #text, p{  
    color:rgb(240, 207, 175)  
}
```

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(240, 207, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 207, 175) }
```

Border

The CSS property to change the border of an element to Yxy 66.2461, 0.3624, 0.3638 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(240, 207, 175) }
```

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

```
.border{ border-color:rgb(240, 207, 175) }
```

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

Here you see how a box with a 4 pixel rgb(240, 207, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 207, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 207, 175);  
box-shadow:4px 4px 4px 4px rgb(240, 207,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2461, 0.3624, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 207, 175) }
```

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

```
.background{ background-color: rgb(240,  
207, 175) }
```

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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