

Converting Colors

Yxy(66.9747, 0.3496, 0.3456)

Have a look what the booklet for
Yxy(66.9747, 0.3496, 0.3456)
contains.

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Color

Yxy(66.9567, 0.3494, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	F0CFC0
RGB	240, 207, 192
RGB Percent	94%, 81%, 75%
CMY	0.0587, 0.1883, 0.2469
CMYK	0.00, 0.14, 0.20, 0.06
HSL	19°, 62%, 85%
HSV	19°, 20%, 94%
XYZ	67.7714, 66.9567, 59.2369
YIQ	215.1570, 24.4830, 2.3310

Conversions

Conversions Part 2

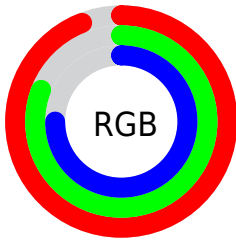
Format	Color
R _Y B	240, 214, 192
Decimal	15781824
CIE Lab	85.48, 9.27, 11.70
CIE LCh	85, 14.924, 51.616
Yxy	66.9567, 0.3494, 0.3452
Android (android.graphics.Color)	4293971904 (0xFFFF0CFC0)
YUV	215.1570, -11.4164, 21.7873
Hunter-Lab	81.8271, 4.6411, 14.3573

Details

The Yxy color $66.9567, 0.3494, 0.3452$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $71.3865, 0.2817, 0.3122$, and the grayscale version is $68.1378, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.5573, 0.3168, 0.3357$, and $34.7138, 0.3574, 0.3487$ is the 20% darker color. If you saturate the color by 10%, you get $58.3912, 0.3729, 0.3539$, and if you desaturate by 10%, it is $76.5392, 0.3295, 0.3368$.

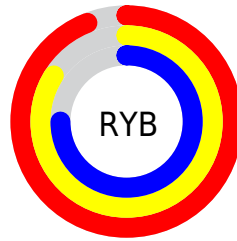
Distribution



Red (94%)

Green (81%)

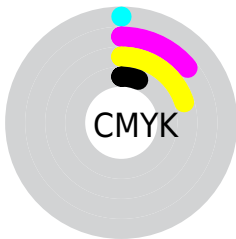
Blue (75%)



Red (94%)

Yellow (84%)

Blue (75%)

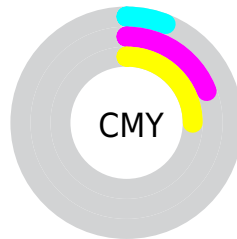


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (6%)



Cyan (6%)


Magenta (19%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9567, 0.3494, 0.3452 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 66.9567, 0.3494, 0.3452 by changing the saturation by 10% instead.

 66.9567, 0.3494,
0.3452

 66.9567, 0.3494,
0.3452


449.7906, 0.3320,
0.3378

 49.0494, 0.3535,
0.3468


 114.8584, 0.3433,
0.3427

 34.6587, 0.3585,
0.3489

145.6216, 0.3410,
0.3417

 23.4001, 0.3650,
0.3514


181.4389, 0.3389,
0.3408

 14.8892, 0.3736,
0.3546

222.6946, 0.3372,
0.3401

 8.7417, 0.3856,
0.3588

269.7733, 0.3357,
0.3394

 4.5731, 0.4032,
0.3645

323.0593, 0.3343,

 1.9990, 0.4317,

0.3388

382.9369, 0.3331,
0.3383

0.3725

0.6069, 0.5696,
0.4304

0.0000, 0.0000,
0.0000

66.9567, 0.3494,
0.3452

66.9567, 0.3494,
0.3452

58.3912, 0.3729,
0.3539

76.5392, 0.3295,
0.3368

50.7996, 0.4003,
0.3625

87.1620, 0.3127,
0.3290

44.1488, 0.4318,
0.3704

97.2699, 0.3036,
0.3290

38.4007, 0.4666,
0.3767

■ 33.5138, 0.5034,
0.3802

■ 29.4436, 0.5394,
0.3797

■ 26.1403, 0.5711,
0.3743

■ 23.5409, 0.5960,
0.3649

■ 23.5402, 0.5961,
0.3649

Harmonies

Analogous

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



66.9567, 0.3441, 0.3297



66.9567, 0.3494, 0.3452



66.9567, 0.3445, 0.3571

Triad

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



66.9567, 0.3494, 0.3452



66.9567, 0.2950, 0.3441



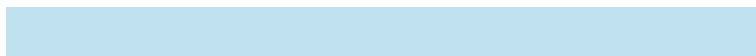
66.9567, 0.2941, 0.2980

Complementary

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



66.9567, 0.3494, 0.3452



71.3865, 0.2817, 0.3122

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.



66.9567, 0.2816, 0.3008



66.9567, 0.3494, 0.3452



66.9567, 0.2822, 0.3271

Square

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



66.9567, 0.3494, 0.3452



66.9567, 0.3128, 0.3570



66.9567, 0.2774, 0.3112



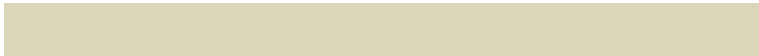
66.9567, 0.3118, 0.3030

Rectangle

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



66.9567, 0.3494, 0.3452



66.9567, 0.3362, 0.3611



66.9567, 0.2774, 0.3112



66.9567, 0.2891, 0.2980

Sweetspot

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



66.9597, 0.3494, 0.3452



92.5183, 0.3225, 0.3337



61.7123, 0.3258, 0.2936



19.6341, 0.3236, 0.3342



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

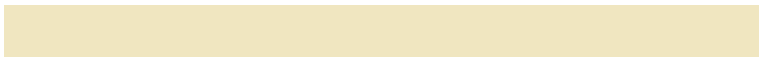
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9597, 0.3494, 0.3452



72.6751, 0.3585, 0.3487



79.1685, 0.3447, 0.3694



16.5629, 0.3285, 0.3364



13.0916, 0.5932, 0.3672



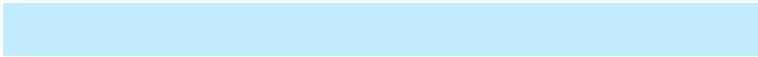
1.2600, 0.5675, 0.3876

Inverse Universe

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



71.3865, 0.2817, 0.3122



78.6067, 0.2755, 0.3084



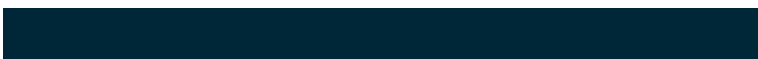
59.5698, 0.2800, 0.2851



17.0490, 0.2981, 0.3215



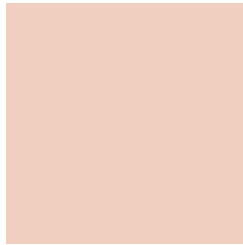
18.4565, 0.1956, 0.2239



1.7119, 0.1998, 0.2394

Previews

White Background



This preview shows how the Yxy color 66.9567, 0.3494, 0.3452 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 66.9567, 0.3494, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

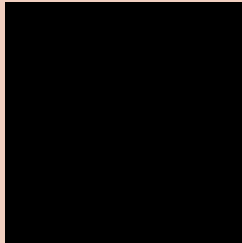
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9567, 0.3494, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 66.9567, 0.3494, 0.3452.



This preview shows how white text looks on a background with the Yxy color 66.9567, 0.3494, 0.3452.

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

66.9567, 0.3494, 0.3452

Protanopia

67.0582, 0.3321, 0.3492

Deuteranopia

66.8256, 0.3512, 0.3441



Tritanopia

66.8810, 0.3320, 0.3123

Trichromacy



Original Color

66.9567, 0.3494, 0.3452

Protanomaly

67.1416, 0.3385, 0.3478

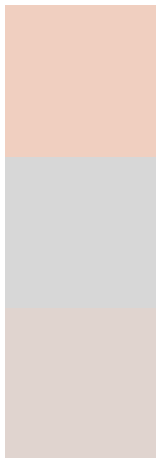
Deuteranomaly

66.6492, 0.3504, 0.3441

Tritanomaly

66.6664, 0.3386, 0.3238

Monochromacy



Original Color

66.9567, 0.3494, 0.3452

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4393, 0.3252, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9567, 0.3494, 0.3452 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 207, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 207, 192) }
```

Border

The CSS property to change the border of an element to Yxy 66.9567, 0.3494, 0.3452 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, 192) }
```

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

```
.border{ border-color:rgb(240, 207, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 207,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9567, 0.3494, 0.3452 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, 192) }
```

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

```
.background{ background-color: rgb(240,  
207, 192) }
```

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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