

Converting Colors

$Yxy(67.9035, 0.3464, 0.3486)$

Have a look what the booklet for
Yxy(67.9035, 0.3464, 0.3486)
contains.

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Color

Yxy(67.9035, 0.3464, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	EDD2C0
RGB	237, 210, 192
RGB Percent	93%, 82%, 75%
CMY	0.0707, 0.1764, 0.2471
CMYK	0.00, 0.11, 0.19, 0.07
HSL	24°, 55%, 84%
HSV	24°, 19%, 93%
XYZ	67.4750, 67.9035, 59.4107
YIQ	216.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

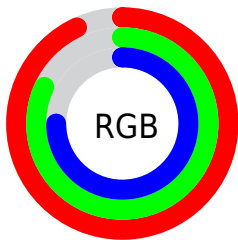
Format	Color
R _Y B	237, 222, 192
Decimal	15585984
CIE Lab	85.96, 6.56, 12.36
CIE LCh	86, 13.994, 62.034
Yxy	67.9035, 0.3464, 0.3486
Android (android.graphics.Color)	4293776064 (0xFFEDD2C0)
YUV	216.0210, -11.8424, 18.3986
Hunter-Lab	82.4036, 1.9558, 14.9361

Details

The Yxy color **67.9035, 0.3464, 0.3486** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9416, 0.2831, 0.3086**, and the grayscale version is **68.7540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **35.4648, 0.3544, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **60.2376, 0.3684, 0.3596**, and if you desaturate by 10%, it is **76.3663, 0.3274, 0.3380**.

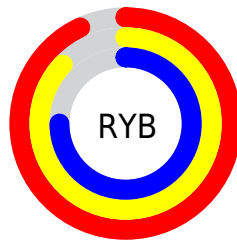
Distribution



Red (93%)

Green (82%)

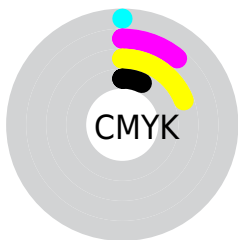
Blue (75%)



Red (93%)

Yellow (87%)

Blue (75%)

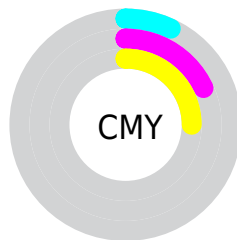


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9035, 0.3464, 0.3486 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 67.9035, 0.3464, 0.3486 by changing the saturation by 10% instead.


 67.9035, 0.3464,
0.3486

 67.9035, 0.3464,
0.3486


453.1540, 0.3305,
0.3396

 49.8192, 0.3501,
0.3506


 116.2141, 0.3408,
0.3455

 35.2698, 0.3547,
0.3531


147.2092, 0.3387,
0.3443

 23.8708, 0.3606,
0.3563


183.2767, 0.3368,
0.3432

 15.2378, 0.3684,
0.3603


224.8010, 0.3352,
0.3423

 8.9864, 0.3791,
0.3658

272.1665, 0.3338,
0.3415

 4.7323, 0.3949,
0.3734

325.7576, 0.3326,

 2.0911, 0.4202,

0.3408

0.3845

385.9586, 0.3315,
0.3402

0.6596, 0.5441,
0.4559

0.0000, 0.0000,
0.0000

67.9035, 0.3464,
0.3486

67.9035, 0.3464,
0.3486

60.2376, 0.3684,
0.3596

76.3663, 0.3274,
0.3380

53.3353, 0.3936,
0.3706

85.6399, 0.3112,
0.3280

47.1742, 0.4220,
0.3809

95.2183, 0.3017,
0.3266

41.7272, 0.4530,
0.3896

96.7379, 0.3017,
0.3290

■ 36.9654, 0.4854,
0.3955

■ 32.8573, 0.5173,
0.3971

■ 29.3682, 0.5461,
0.3936

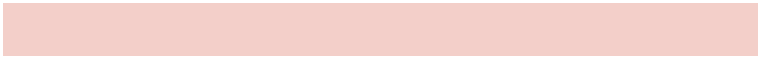
■ 26.4545, 0.5697,
0.3850

■ 26.1858, 0.5720,
0.3840

Harmonies

Analogous

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



67.9035, 0.3448, 0.3349



67.9035, 0.3464, 0.3486



67.9035, 0.3387, 0.3576

Triad

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



67.9035, 0.3464, 0.3486



67.9035, 0.2913, 0.3378



67.9035, 0.3007, 0.3008

Complementary

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



67.9035, 0.3464, 0.3486



67.9416, 0.2831, 0.3086

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.



67.9035, 0.2869, 0.3009



67.9035, 0.3464, 0.3486



67.9035, 0.2817, 0.3217

Square

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



67.9035, 0.3464, 0.3486



67.9035, 0.3068, 0.3516



67.9035, 0.2801, 0.3083



67.9035, 0.3180, 0.3079

Rectangle

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



67.9035, 0.3464, 0.3486



67.9035, 0.3296, 0.3595



67.9035, 0.2801, 0.3083



67.9035, 0.2955, 0.3000

Sweetspot

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



67.9066, 0.3464, 0.3486



93.3448, 0.3224, 0.3350



60.8041, 0.3285, 0.3002



19.8291, 0.3235, 0.3356



0.0000, 0.0000, 0.0000



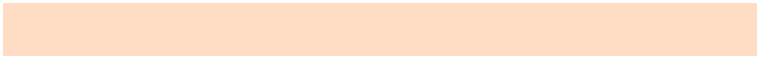
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9066, 0.3464, 0.3486



76.3787, 0.3551, 0.3531



79.7777, 0.3421, 0.3718



16.0454, 0.3283, 0.3385



14.5425, 0.5691, 0.3863



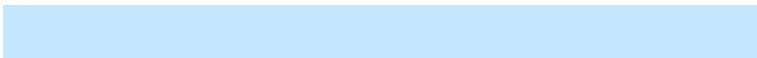
1.3258, 0.5438, 0.4064

Inverse Universe

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



67.9416, 0.2831, 0.3086



76.4247, 0.2766, 0.3036



57.0153, 0.2815, 0.2823



16.0497, 0.2981, 0.3193



14.1586, 0.1867, 0.1922



1.2993, 0.1925, 0.2131

Previews

White Background



This preview shows how the Yxy color 67.9035, 0.3464, 0.3486 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 67.9035, 0.3464, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

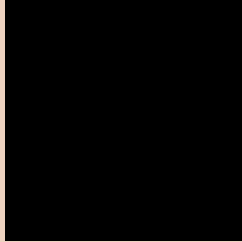
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9035, 0.3464, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 67.9035, 0.3464, 0.3486.



This preview shows how white text looks on a background with the Yxy color 67.9035, 0.3464, 0.3486.

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

67.9035, 0.3464, 0.3486

Protanopia

67.8355, 0.3342, 0.3513

Deuteranopia

67.7090, 0.3518, 0.3440



Tritanopia

68.1173, 0.3279, 0.3123

Trichromacy



Original Color

67.9035, 0.3464, 0.3486

Protanomaly

68.0968, 0.3389, 0.3511

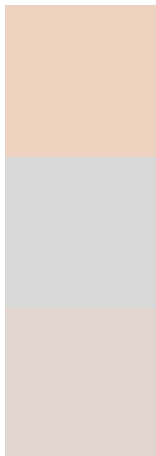
Deuteranomaly

67.6628, 0.3492, 0.3452

Tritanomaly

67.8541, 0.3351, 0.3248

Monochromacy



Original Color

67.9035, 0.3464, 0.3486

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4454, 0.3250, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9035, 0.3464, 0.3486 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, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 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(237, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.9035, 0.3464, 0.3486 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, 210, 192) }
```

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

```
.border{ border-color:rgb(237, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9035, 0.3464, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 192) }
```

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

```
.background{ background-color: rgb(237,  
210, 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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