

Converting Colors

Yxy(64.9128, 0.3486, 0.3399)

Have a look what the booklet for
Yxy(64.9128, 0.3486, 0.3399)
contains.

Yxy(64.9128, 0.3486, 0.3399)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.9128, 0.3486, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	EFCBC1
RGB	239, 203, 193
RGB Percent	94%, 80%, 76%
CMY	0.0628, 0.2039, 0.2430
CMYK	0.00, 0.15, 0.19, 0.06
HSL	13°, 59%, 85%
HSV	13°, 19%, 94%
XYZ	66.5743, 64.9128, 59.4891
YIQ	212.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

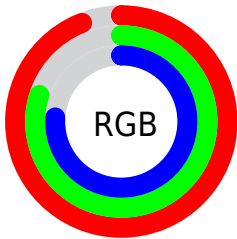
Format	Color
R _Y B	239, 206, 193
Decimal	15715265
CIE Lab	84.44, 11.12, 9.67
CIE LCh	84, 14.734, 41.011
Yxy	64.9128, 0.3486, 0.3399
Android (android.graphics.Color)	4293905345 (0xFFEFCBC1)
YUV	212.6240, -9.6746, 23.1318
Hunter-Lab	80.5685, 6.5009, 12.6202

Details

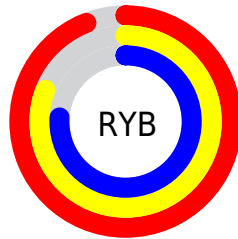
The Yxy color **64.9128, 0.3486, 0.3399** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6063, 0.2832, 0.3178**, and the grayscale version is **66.3301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.4556, 0.3576, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **55.6247, 0.3730, 0.3460**, and if you desaturate by 10%, it is **75.4450, 0.3283, 0.3341**.

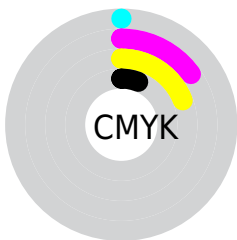
Distribution



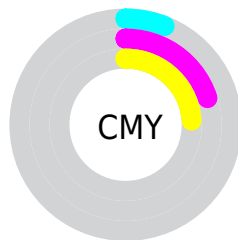
- Red (94%)
- Green (80%)
- Blue (76%)



- Red (94%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9128, 0.3486, 0.3399 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 64.9128, 0.3486, 0.3399 by changing the saturation by 10% instead.

 64.9128, 0.3486,
0.3399

 64.9128, 0.3486,
0.3399


442.4785, 0.3315,
0.3350

 47.3904, 0.3526,
0.3410


 111.9245, 0.3426,
0.3382

 33.3444, 0.3577,
0.3423


142.1825, 0.3403,
0.3376

 22.3904, 0.3641,
0.3439


177.4546, 0.3383,
0.3370

 14.1440, 0.3728,
0.3460

218.1250, 0.3366,
0.3365

 8.2209, 0.3848,
0.3486

264.5782, 0.3351,
0.3361

 4.2366, 0.4029,
0.3521

317.1986, 0.3337,

 1.8068, 0.4326,

0.3357

0.3566

376.3706, 0.3326,
0.3353

0.4914, 0.6004,
0.3996

0.0000, 0.0000,
0.0000

64.9128, 0.3486,
0.3399

64.9128, 0.3486,
0.3399

55.6247, 0.3730,
0.3460

75.4450, 0.3283,
0.3341

47.5260, 0.4021,
0.3520

87.2562, 0.3115,
0.3286

40.5706, 0.4360,
0.3575

97.0864, 0.3029,
0.3290

34.7061, 0.4744,
0.3618

■ 29.8760, 0.5153,
0.3637

■ 26.0185, 0.5555,
0.3624

■ 23.0645, 0.5900,
0.3572

■ 20.9306, 0.6151,
0.3490

■ 20.7956, 0.6168,
0.3484

Harmonies

Analogous

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



64.9128, 0.3400, 0.3241



64.9128, 0.3486, 0.3399



64.9128, 0.3473, 0.3535

Triad

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



64.9128, 0.3486, 0.3399



64.9128, 0.3010, 0.3493



64.9128, 0.2889, 0.2981

Complementary

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



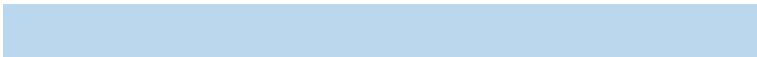
64.9128, 0.3486, 0.3399



73.6063, 0.2832, 0.3178

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.



64.9128, 0.2792, 0.3037



64.9128, 0.3486, 0.3399



64.9128, 0.2860, 0.3332

Square

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



64.9128, 0.3486, 0.3399



64.9128, 0.3194, 0.3596



64.9128, 0.2781, 0.3164



64.9128, 0.3052, 0.3005

Rectangle

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



64.9128, 0.3486, 0.3399



64.9128, 0.3410, 0.3594



64.9128, 0.2781, 0.3164



64.9128, 0.2848, 0.2991

Sweetspot

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



64.9157, 0.3486, 0.3399



91.6492, 0.3226, 0.3323



62.1577, 0.3223, 0.2912



19.4292, 0.3237, 0.3326



0.0000, 0.0000, 0.0000



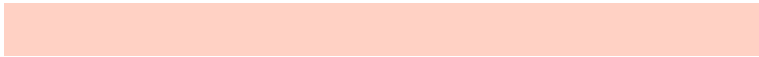
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9157, 0.3486, 0.3399



70.9082, 0.3575, 0.3422



76.5675, 0.3441, 0.3639



16.3155, 0.3288, 0.3342



11.6513, 0.6143, 0.3504



1.1112, 0.5896, 0.3701

Inverse Universe

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



73.6063, 0.2832, 0.3178



82.6600, 0.2775, 0.3153



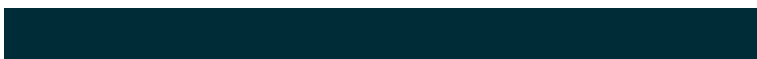
61.7374, 0.2817, 0.2915



17.3121, 0.2981, 0.3237



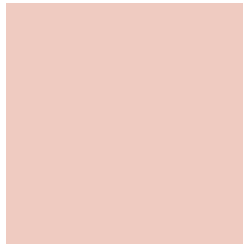
23.3022, 0.2049, 0.2575



2.0812, 0.2078, 0.2680

Previews

White Background



This preview shows how the Yxy color 64.9128, 0.3486, 0.3399 looks on a white background.

Color Contrast Check

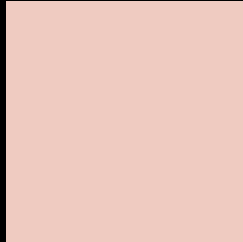
Large Text (above 18pt) WCAG AA × Fail

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 64.9128, 0.3486, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

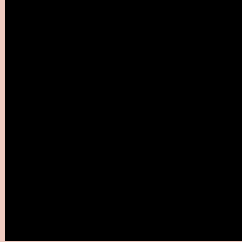
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9128, 0.3486, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 64.9128, 0.3486, 0.3399.

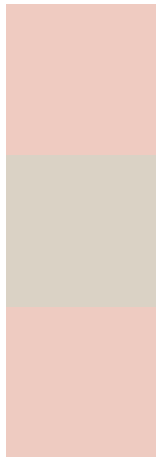


This preview shows how white text looks on a background with the Yxy color 64.9128, 0.3486, 0.3399.

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

64.9128, 0.3486, 0.3399

Protanopia

65.0298, 0.3279, 0.3438

Deuteranopia

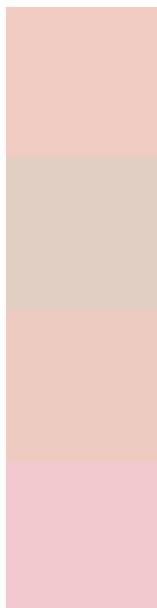
64.7393, 0.3478, 0.3400



Tritanopia

65.0921, 0.3346, 0.3132

Trichromacy



Original Color

64.9128, 0.3486, 0.3399

Protanomaly

64.7799, 0.3353, 0.3413

Deuteranomaly

64.7393, 0.3478, 0.3400

Tritanomaly

64.9791, 0.3398, 0.3227

Monochromacy



Original Color

64.9128, 0.3486, 0.3399

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.5868, 0.3247, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9128, 0.3486, 0.3399 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(239, 203, 193)` looks like.

```
.text, #text, p{  
    color:rgb(239, 203, 193)  
}
```

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(239, 203, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 203, 193) }
```

Border

The CSS property to change the border of an element to Yxy 64.9128, 0.3486, 0.3399 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(239, 203, 193) }
```

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

```
.border{ border-color:rgb(239, 203, 193) }
```

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

Here you see how a box with a 4 pixel rgb(239, 203, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 203, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 203, 193);  
box-shadow:4px 4px 4px 4px rgb(239, 203,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9128, 0.3486, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 203, 193) }
```

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

```
.background{ background-color: rgb(239,  
203, 193) }
```

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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