

Converting Colors

Yxy(59.7054, 0.3498, 0.3424)

Have a look what the booklet for
Yxy(59.7054, 0.3498, 0.3424)
contains.

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Color

Yxy(59.7635, 0.3498, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	E6C4B8
RGB	230, 196, 184
RGB Percent	90%, 77%, 72%
CMY	0.0981, 0.2313, 0.2785
CMYK	0.00, 0.15, 0.20, 0.10
HSL	16°, 48%, 81%
HSV	16°, 20%, 90%
XYZ	61.0195, 59.7635, 53.6581
YIQ	204.7980, 24.1160, 3.4760

Conversions

Conversions Part 2

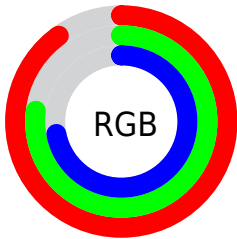
Format	Color
R _Y B	230, 200, 184
Decimal	15123640
CIE Lab	81.71, 10.17, 10.49
CIE LCh	82, 14.612, 45.880
Yxy	59.7635, 0.3498, 0.3426
Android (android.graphics.Color)	4293313720 (0xFFE6C4B8)
YUV	204.7980, -10.2534, 22.1022
Hunter-Lab	77.3069, 5.6058, 12.9621

Details

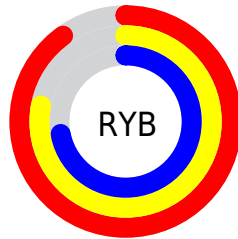
The Yxy color **59.7635, 0.3498, 0.3426** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0210, 0.2820, 0.3150**, and the grayscale version is **60.9702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8018, 0.3216, 0.3415**, and **29.9834, 0.3596, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **51.6446, 0.3739, 0.3499**, and if you desaturate by 10%, it is **68.9120, 0.3296, 0.3356**.

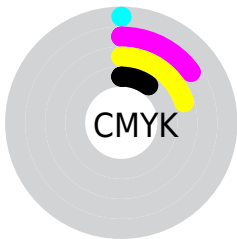
Distribution



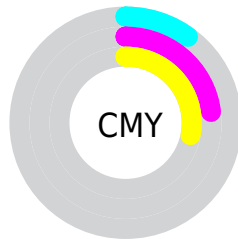
- Red (90%)
- Green (77%)
- Blue (72%)



- Red (90%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7635, 0.3498, 0.3426 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 59.7635, 0.3498, 0.3426 by changing the saturation by 10% instead.

 59.7635, 0.3498,
0.3426

 59.7635, 0.3498,
0.3426

423.7255, 0.3319,
0.3363

 43.2280, 0.3541,
0.3440


 104.4865, 0.3434,
0.3404

 30.0641, 0.3595,
0.3457


133.4429, 0.3410,
0.3396

 19.8872, 0.3665,
0.3479


167.3083, 0.3389,
0.3389

 12.3131, 0.3759,
0.3507

206.4672, 0.3371,
0.3382

 6.9573, 0.3893,
0.3544

251.3040, 0.3356,
0.3377

 3.4354, 0.4098,
0.3594

302.2030, 0.3342,

 1.3630, 0.4478,

0.3372

0.3687

359.5487, 0.3330,
0.3367

0.1892, 0.6935,
0.3065

0.0000, 0.0000,
0.0000

59.7635, 0.3498,
0.3426

59.7635, 0.3498,
0.3426

51.6446, 0.3739,
0.3499

68.9120, 0.3296,
0.3356

44.5110, 0.4023,
0.3571

79.1166, 0.3127,
0.3290

38.3267, 0.4351,
0.3637

90.4127, 0.2986,
0.3229

33.0505, 0.4719,
0.3688

95.5603, 0.2976,
0.3290

■ 28.6383, 0.5109,
0.3714

■ 25.0415, 0.5490,
0.3702

■ 22.2067, 0.5822,
0.3648

■ 20.0663, 0.6074,
0.3559

Harmonies

Analogous

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



59.7635, 0.3425, 0.3266



59.7635, 0.3498, 0.3426



59.7635, 0.3467, 0.3557

Triad

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



59.7635, 0.3498, 0.3426



59.7635, 0.2979, 0.3474



59.7635, 0.2908, 0.2974

Complementary

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



59.7635, 0.3498, 0.3426



66.0210, 0.2820, 0.3150

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.



59.7635, 0.2796, 0.3018



59.7635, 0.3498, 0.3426



59.7635, 0.2836, 0.3304

Square

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



59.7635, 0.3498, 0.3426



59.7635, 0.3165, 0.3591



59.7635, 0.2770, 0.3136



59.7635, 0.3081, 0.3011

Rectangle

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



59.7635, 0.3498, 0.3426



59.7635, 0.3394, 0.3609



59.7635, 0.2770, 0.3136



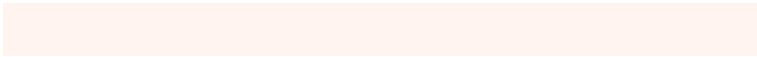
59.7635, 0.2862, 0.2979

Sweetspot

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



59.7662, 0.3498, 0.3426



92.0548, 0.3225, 0.3329



56.1827, 0.3240, 0.2913



19.5248, 0.3237, 0.3334



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.



59.7662, 0.3498, 0.3426



71.1418, 0.3593, 0.3456



70.6748, 0.3451, 0.3669



14.9777, 0.3286, 0.3352



11.5313, 0.6048, 0.3580



1.0003, 0.5761, 0.3808

Inverse Universe

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



66.0210, 0.2820, 0.3150



80.3945, 0.2758, 0.3117



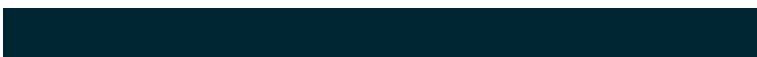
55.1488, 0.2803, 0.2880



15.6651, 0.2981, 0.3227



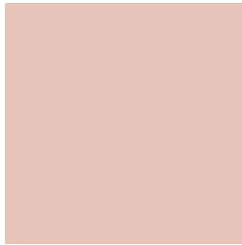
19.6899, 0.2006, 0.2421



1.6039, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 59.7635, 0.3498, 0.3426 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 59.7635, 0.3498, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

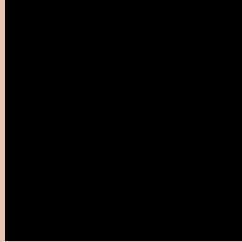
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7635, 0.3498, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 59.7635, 0.3498, 0.3426.



This preview shows how white text looks on a background with the Yxy color 59.7635, 0.3498, 0.3426.

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

59.7635, 0.3498, 0.3426

Protanopia

60.1486, 0.3307, 0.3478

Deuteranopia

59.7635, 0.3498, 0.3426



Tritanopia

59.5279, 0.3346, 0.3126

Trichromacy



Original Color

59.7635, 0.3498, 0.3426

Protanomaly

59.7591, 0.3376, 0.3452

Deuteranomaly

59.7635, 0.3498, 0.3426

Tritanomaly

59.4193, 0.3400, 0.3224

Monochromacy



Original Color

59.7635, 0.3498, 0.3426

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5684, 0.3257, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7635, 0.3498, 0.3426 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(230, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 196, 184)  
}
```

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(230, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 196, 184) }
```

Border

The CSS property to change the border of an element to Yxy 59.7635, 0.3498, 0.3426 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(230, 196, 184) }
```

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

```
.border{ border-color:rgb(230, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(230, 196,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7635, 0.3498, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 196, 184) }
```

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

```
.background{ background-color: rgb(230,  
196, 184) }
```

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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