

Converting Colors

$Yxy(58.4610, 0.3628, 0.3501)$

Have a look what the booklet for
Yxy(58.4610, 0.3628, 0.3501)
contains.

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Color

Yxy(58.2477, 0.3623, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	EAC0AE
RGB	234, 192, 174
RGB Percent	92%, 75%, 68%
CMY	0.0824, 0.2470, 0.3177
CMYK	0.00, 0.18, 0.26, 0.08
HSL	18°, 59%, 80%
HSV	18°, 26%, 92%
XYZ	60.4155, 58.2477, 48.0923
YIQ	202.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

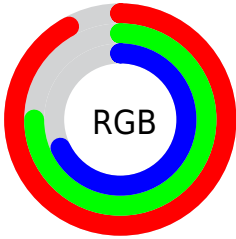
Format	Color
R _Y B	234, 200, 174
Decimal	15384750
CIE Lab	80.88, 12.34, 14.72
CIE LCh	81, 19.202, 50.028
Yxy	58.2477, 0.3623, 0.3493
Android (android.graphics.Color)	4293574830 (0xFFEAC0AE)
YUV	202.5060, -14.0535, 27.6202
Hunter-Lab	76.3202, 7.7414, 16.0632

Details

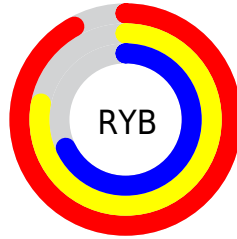
The Yxy color **58.2477, 0.3623, 0.3493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0218, 0.2732, 0.3077**, and the grayscale version is **59.4704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0519, 0.3287, 0.3476**, and **28.9292, 0.3746, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **50.6233, 0.3881, 0.3577**, and if you desaturate by 10%, it is **66.8356, 0.3403, 0.3411**.

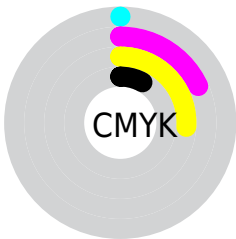
Distribution



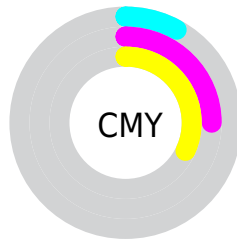
- Red (92%)
- Green (75%)
- Blue (68%)



- Red (92%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (8%)




- Cyan (8%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2477, 0.3623, 0.3493 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 58.2477, 0.3623, 0.3493 by changing the saturation by 10% instead.

 58.2477, 0.3623,
0.3493

 58.2477, 0.3623,
0.3493


418.1083, 0.3382,
0.3400

 42.0078, 0.3681,
0.3514


 102.2835, 0.3537,
0.3461

 29.1074, 0.3754,
0.3539


130.8482, 0.3505,
0.3449

 19.1621, 0.3848,
0.3571


164.2899, 0.3477,
0.3438

 11.7875, 0.3976,
0.3610

202.9931, 0.3453,
0.3428

 6.5991, 0.4157,
0.3661

247.3421, 0.3432,
0.3420

 3.2127, 0.4432,
0.3726

297.7214, 0.3413,

 1.2438, 0.5121,

0.3413

0.3977

354.5153, 0.3397,
0.3406

0.0970, 0.8022,
0.1978

0.0000, 0.0000,
0.0000

58.2477, 0.3623,
0.3493

58.2477, 0.3623,
0.3493

50.6233, 0.3881,
0.3577

66.8356, 0.3403,
0.3411

43.9202, 0.4181,
0.3657

76.4115, 0.3218,
0.3332

38.1045, 0.4519,
0.3725

87.0090, 0.3063,
0.3259

33.1374, 0.4885,
0.3772

96.2296, 0.2999,
0.3290

■ 28.9766, 0.5257,
0.3784

■ 25.5759, 0.5602,
0.3751

■ 22.8832, 0.5883,
0.3671

■ 21.9105, 0.5986,
0.3629

Harmonies

Analogous

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



58.2477, 0.3545, 0.3285



58.2477, 0.3623, 0.3493



58.2477, 0.3562, 0.3659

Triad

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



58.2477, 0.3623, 0.3493



58.2477, 0.2900, 0.3506



58.2477, 0.2865, 0.2876

Complementary

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



58.2477, 0.3623, 0.3493



64.0218, 0.2732, 0.3077

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.



58.2477, 0.2705, 0.2915



58.2477, 0.3623, 0.3493



58.2477, 0.2725, 0.3273

Square

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



58.2477, 0.3623, 0.3493



58.2477, 0.3140, 0.3679



58.2477, 0.2655, 0.3057



58.2477, 0.3099, 0.2939

Rectangle

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



58.2477, 0.3623, 0.3493



58.2477, 0.3453, 0.3721



58.2477, 0.2655, 0.3057



58.2477, 0.2801, 0.2877

Sweetspot

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



58.2504, 0.3623, 0.3493



89.9866, 0.3260, 0.3350



52.7111, 0.3303, 0.2833



18.8769, 0.3287, 0.3362



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.



58.2504, 0.3623, 0.3493



65.5662, 0.3760, 0.3539



72.7783, 0.3544, 0.3811



15.7921, 0.3285, 0.3361



12.5069, 0.5958, 0.3651



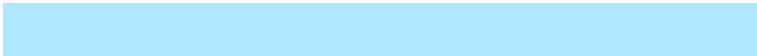
1.1453, 0.5686, 0.3867

Inverse Universe

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



64.0218, 0.2732, 0.3077



73.7314, 0.2650, 0.3025



50.0458, 0.2698, 0.2709



16.3131, 0.2981, 0.3218



18.4230, 0.1967, 0.2281



1.6138, 0.2010, 0.2437

Previews

White Background



This preview shows how the Yxy color 58.2477, 0.3623, 0.3493 looks on a white background.

Color Contrast Check

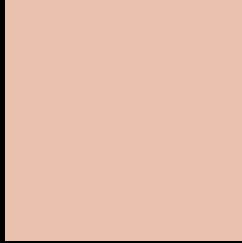
Large Text (above 18pt) WCAG AA × Fail

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 58.2477, 0.3623, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

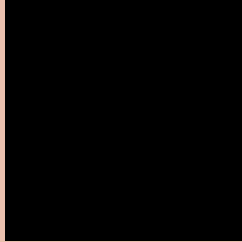
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2477, 0.3623, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 58.2477, 0.3623, 0.3493.



This preview shows how white text looks on a background with the Yxy color 58.2477, 0.3623, 0.3493.

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

58.2477, 0.3623, 0.3493

Protanopia

58.2245, 0.3371, 0.3552

Deuteranopia

58.4626, 0.3584, 0.3517



Tritanopia

58.2352, 0.3426, 0.3138

Trichromacy



Original Color

58.2477, 0.3623, 0.3493

Protanomaly

58.1669, 0.3460, 0.3523

Deuteranomaly

58.1848, 0.3595, 0.3506

Tritanomaly

58.0338, 0.3498, 0.3258

Monochromacy



Original Color

58.2477, 0.3623, 0.3493

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9488, 0.3299, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2477, 0.3623, 0.3493 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(234, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 192, 174)  
}
```

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(234, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 192, 174) }
```

Border

The CSS property to change the border of an element to Yxy 58.2477, 0.3623, 0.3493 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(234, 192, 174) }
```

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

```
.border{ border-color:rgb(234, 192, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 192,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2477, 0.3623, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 192, 174) }
```

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

```
.background{ background-color: rgb(234,  
192, 174) }
```

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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