

Converting Colors

$Yxy(60.0185, 0.3633, 0.3545)$

Have a look what the booklet for
Yxy(60.0185, 0.3633, 0.3545)
contains.

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Color

Yxy(60.1592, 0.3629, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	EBC4AD
RGB	235, 196, 173
RGB Percent	92%, 77%, 68%
CMY	0.0783, 0.2314, 0.3216
CMYK	0.00, 0.17, 0.26, 0.08
HSL	22°, 61%, 80%
HSV	22°, 26%, 92%
XYZ	61.5500, 60.1592, 47.8967
YIQ	205.0390, 30.6270, 1.1150

Conversions

Conversions Part 2

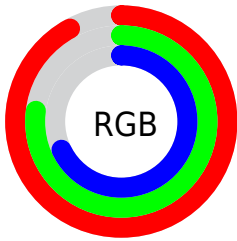
Format	Color
R _Y B	235, 210, 173
Decimal	15451309
CIE Lab	81.92, 10.49, 16.73
CIE LCh	82, 19.747, 57.909
Yxy	60.1592, 0.3629, 0.3547
Android (android.graphics.Color)	4293641389 (0xFFEBC4AD)
YUV	205.0390, -15.7952, 26.2758
Hunter-Lab	77.5624, 5.9154, 17.6806

Details

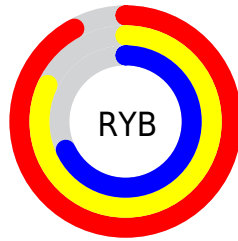
The Yxy color $60.1592, 0.3629, 0.3547$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $61.9813, 0.2716, 0.3018$, and the grayscale version is $61.1669, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1120, 0.3288, 0.3533$, and $30.1915, 0.3751, 0.3597$ is the 20% darker color. If you saturate the color by 10%, you get $52.9854, 0.3878, 0.3650$, and if you desaturate by 10%, it is $68.1561, 0.3414, 0.3446$.

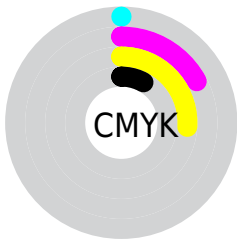
Distribution



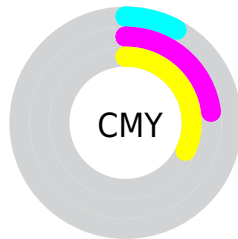
- Red (92%)
- Green (77%)
- Blue (68%)



- Red (92%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (8%)





- Cyan (8%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1592, 0.3629, 0.3547 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 60.1592, 0.3629, 0.3547 by changing the saturation by 10% instead.


 60.1592, 0.3629,
0.3547

 60.1592, 0.3629,
0.3547

425.1843, 0.3387,
0.3429

 43.5470, 0.3687,
0.3574


 105.0606, 0.3543,
0.3506

 30.3145, 0.3759,
0.3606


134.1185, 0.3510,
0.3490

 20.0774, 0.3852,
0.3647

168.0938, 0.3482,
0.3476

 12.4513, 0.3978,
0.3699

207.3708, 0.3458,
0.3464

 7.0518, 0.4153,
0.3766

252.3340, 0.3437,
0.3454

 3.4945, 0.4416,
0.3855

303.3677, 0.3418,

 1.3950, 0.5061,

0.3445

0.4144

360.8564, 0.3402,
0.3436

0.2131, 0.6828,
0.3172

0.0000, 0.0000,
0.0000

60.1592, 0.3629,
0.3547

60.1592, 0.3629,
0.3547

52.9854, 0.3878,
0.3650

68.1561, 0.3414,
0.3446

46.5991, 0.4162,
0.3747

76.9937, 0.3230,
0.3349

40.9740, 0.4477,
0.3832

86.6994, 0.3074,
0.3258

36.0792, 0.4812,
0.3892

96.4072, 0.3006,
0.3290

■ 31.8814, 0.5150,
0.3915

■ 28.3436, 0.5462,
0.3888

■ 25.4244, 0.5721,
0.3809

■ 24.5091, 0.5804,
0.3774

Harmonies

Analogous

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



60.1592, 0.3586, 0.3341



60.1592, 0.3629, 0.3547



60.1592, 0.3531, 0.3696

Triad

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



60.1592, 0.3629, 0.3547



60.1592, 0.2841, 0.3450



60.1592, 0.2917, 0.2876

Complementary

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



60.1592, 0.3629, 0.3547



61.9813, 0.2716, 0.3018

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.



60.1592, 0.2731, 0.2888



60.1592, 0.3629, 0.3547



60.1592, 0.2688, 0.3210

Square

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



60.1592, 0.3629, 0.3547



60.1592, 0.3072, 0.3650



60.1592, 0.2649, 0.3006



60.1592, 0.3167, 0.2965

Rectangle

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



60.1592, 0.3629, 0.3547



60.1592, 0.3403, 0.3739



60.1592, 0.2649, 0.3006



60.1592, 0.2846, 0.2868

Sweetspot

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



60.1620, 0.3629, 0.3547



90.8376, 0.3258, 0.3364



52.3179, 0.3344, 0.2862



19.0903, 0.3285, 0.3379



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.



60.1620, 0.3629, 0.3547



67.3170, 0.3768, 0.3606



75.4896, 0.3547, 0.3868



15.9690, 0.3284, 0.3378



13.8607, 0.5775, 0.3797



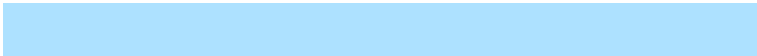
1.2672, 0.5514, 0.4004

Inverse Universe

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



61.9813, 0.2716, 0.3018



69.8598, 0.2627, 0.2949



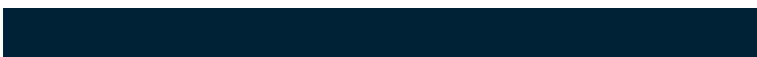
48.0369, 0.2679, 0.2637



16.1284, 0.2981, 0.3201



15.3527, 0.1897, 0.2029



1.3886, 0.1951, 0.2223

Previews

White Background



This preview shows how the Yxy color 60.1592, 0.3629, 0.3547 looks on a white background.

Color Contrast Check

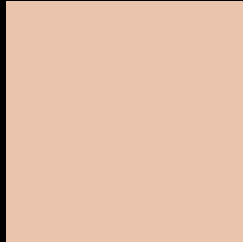
Large Text (above 18pt) WCAG AA × Fail

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 60.1592, 0.3629, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

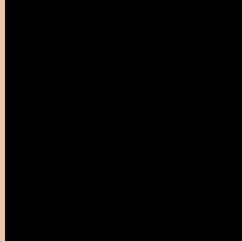
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1592, 0.3629, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 60.1592, 0.3629, 0.3547.



This preview shows how white text looks on a background with the Yxy color 60.1592, 0.3629, 0.3547.

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

60.1592, 0.3629, 0.3547

Protanopia

60.1823, 0.3406, 0.3595

Deuteranopia

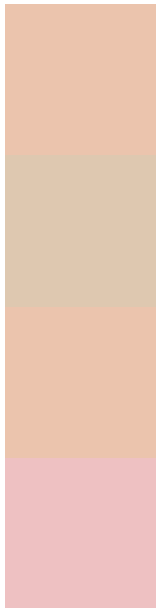
60.1592, 0.3629, 0.3547



Tritanopia

60.0686, 0.3405, 0.3129

Trichromacy



Original Color

60.1592, 0.3629, 0.3547

Protanomaly

59.9727, 0.3486, 0.3567

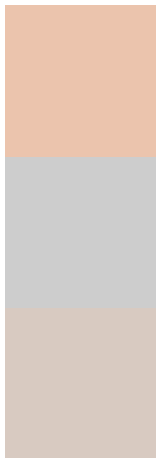
Deuteranomaly

60.1592, 0.3629, 0.3547

Tritanomaly

60.2121, 0.3490, 0.3280

Monochromacy



Original Color

60.1592, 0.3629, 0.3547

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6902, 0.3303, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1592, 0.3629, 0.3547 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(235, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 173)  
}
```

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(235, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 173) }
```

Border

The CSS property to change the border of an element to Yxy 60.1592, 0.3629, 0.3547 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(235, 196, 173) }
```

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

```
.border{ border-color:rgb(235, 196, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 196, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1592, 0.3629, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 173) }
```

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

```
.background{ background-color: rgb(235,  
196, 173) }
```

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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