

Converting Colors

Yxy(60.1352, 0.3633, 0.3535)

Have a look what the booklet for
Yxy(60.1352, 0.3633, 0.3535)
contains.

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Color

Yxy(60.3687, 0.3629, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	ECC4AE
RGB	236, 196, 174
RGB Percent	93%, 77%, 68%
CMY	0.0745, 0.2314, 0.3176
CMYK	0.00, 0.17, 0.26, 0.07
HSL	21°, 62%, 80%
HSV	21°, 26%, 93%
XYZ	61.9740, 60.3687, 48.4316
YIQ	205.4520, 30.9020, 1.6380

Conversions

Conversions Part 2

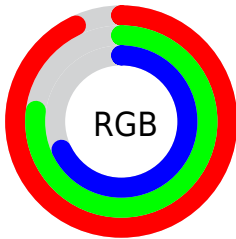
Format	Color
RYB	236, 208, 174
Decimal	15516846
CIELab	82.04, 10.99, 16.36
CIELCh	82, 19.712, 56.104
Yxy	60.3687, 0.3629, 0.3535
Android (android.graphics.Color)	4293706926 (0xFFECC4AE)
YUV	205.4520, -15.5058, 26.7906
Hunter-Lab	77.6973, 6.4073, 17.4305

Details

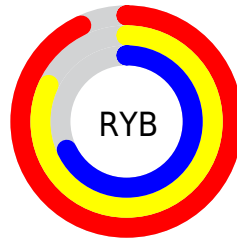
The Yxy color **60.3687, 0.3629, 0.3535** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1533, 0.2719, 0.3031**, and the grayscale version is **61.4412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2237, 0.3276, 0.3513**, and **30.3348, 0.3751, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **53.0058, 0.3880, 0.3633**, and if you desaturate by 10%, it is **68.5961, 0.3413, 0.3438**.

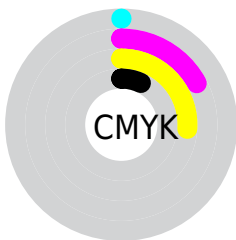
Distribution



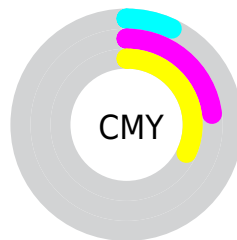
- Red (93%)
- Green (77%)
- Blue (68%)



- Red (93%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (7%)




- Cyan (7%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3687, 0.3629, 0.3535 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 60.3687, 0.3629, 0.3535 by changing the saturation by 10% instead.

 60.3687, 0.3629,
0.3535

 60.3687, 0.3629,
0.3535

425.9555, 0.3387,
0.3423

 43.7159, 0.3687,
0.3560

 105.3643, 0.3543,
0.3496

 30.4472, 0.3759,
0.3591


134.4759, 0.3510,
0.3481

 20.1783, 0.3852,
0.3629


168.5093, 0.3482,
0.3468

 12.5247, 0.3978,
0.3678

207.8487, 0.3458,
0.3457

 7.1021, 0.4153,
0.3742

252.8786, 0.3437,
0.3447

 3.5260, 0.4416,
0.3824

303.9835, 0.3418,

 1.4121, 0.5034,

0.3438

0.4079

361.5476, 0.3402,
0.3430

0.2256, 0.6815,
0.3185

0.0000, 0.0000,
0.0000

60.3687, 0.3629,
0.3535

60.3687, 0.3629,
0.3535

53.0058, 0.3880,
0.3633

68.5961, 0.3413,
0.3438

46.4699, 0.4168,
0.3727

77.7074, 0.3228,
0.3345

40.7328, 0.4489,
0.3808

87.7316, 0.3072,
0.3258

35.7616, 0.4832,
0.3865

96.5742, 0.3011,
0.3290

■ 31.5206, 0.5177,
0.3885

■ 27.9705, 0.5497,
0.3856

■ 25.0670, 0.5761,
0.3776

■ 24.1338, 0.5848,
0.3739

Harmonies

Analogous

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



60.3687, 0.3578, 0.3328



60.3687, 0.3629, 0.3535



60.3687, 0.3540, 0.3689

Triad

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



60.3687, 0.3629, 0.3535



60.3687, 0.2854, 0.3464



60.3687, 0.2904, 0.2875

Complementary

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



60.3687, 0.3629, 0.3535



63.1533, 0.2719, 0.3031

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.



60.3687, 0.2724, 0.2893



60.3687, 0.3629, 0.3535



60.3687, 0.2696, 0.3225

Square

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



60.3687, 0.3629, 0.3535



60.3687, 0.3088, 0.3657



60.3687, 0.2649, 0.3017



60.3687, 0.3151, 0.2958

Rectangle

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



60.3687, 0.3629, 0.3535



60.3687, 0.3415, 0.3736



60.3687, 0.2649, 0.3017



60.3687, 0.2834, 0.2869

Sweetspot

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



60.3715, 0.3629, 0.3535



90.6429, 0.3259, 0.3361



52.9785, 0.3334, 0.2853



19.0415, 0.3285, 0.3375



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.



60.3715, 0.3629, 0.3535



66.6989, 0.3772, 0.3593



75.6684, 0.3547, 0.3855



15.9285, 0.3284, 0.3374



13.5233, 0.5818, 0.3762



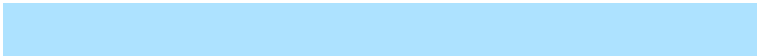
1.2376, 0.5553, 0.3972

Inverse Universe

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



63.1533, 0.2719, 0.3031



70.5690, 0.2629, 0.2964



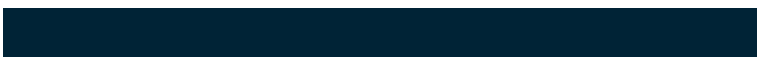
49.0484, 0.2683, 0.2653



16.1704, 0.2981, 0.3204



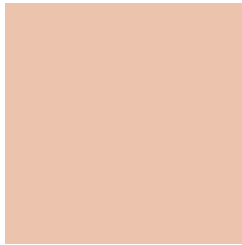
16.0174, 0.1913, 0.2087



1.4379, 0.1965, 0.2272

Previews

White Background



This preview shows how the Yxy color 60.3687, 0.3629, 0.3535 looks on a white background.

Color Contrast Check

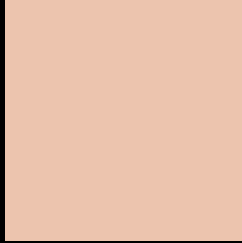
Large Text (above 18pt) WCAG AA × Fail

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 60.3687, 0.3629, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

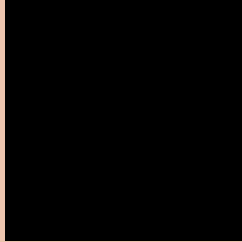
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3687, 0.3629, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 60.3687, 0.3629, 0.3535.



This preview shows how white text looks on a background with the Yxy color 60.3687, 0.3629, 0.3535.

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

60.3687, 0.3629, 0.3535

Protanopia

60.6962, 0.3397, 0.3594

Deuteranopia

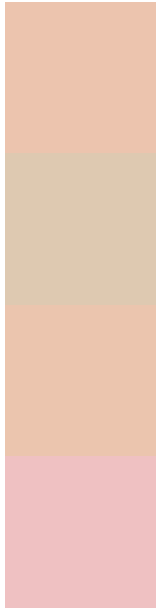
60.6507, 0.3618, 0.3547



Tritanopia

60.2431, 0.3413, 0.3129

Trichromacy



Original Color

60.3687, 0.3629, 0.3535

Protanomaly

60.4772, 0.3476, 0.3566

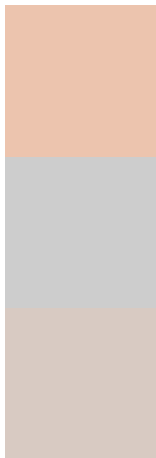
Deuteranomaly

60.6507, 0.3618, 0.3547

Tritanomaly

60.3857, 0.3499, 0.3280

Monochromacy



Original Color

60.3687, 0.3629, 0.3535

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7350, 0.3296, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3687, 0.3629, 0.3535 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(236, 196, 174)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 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(236, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 174) }
```

Border

The CSS property to change the border of an element to Yxy 60.3687, 0.3629, 0.3535 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(236, 196, 174) }
```

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

```
.border{ border-color:rgb(236, 196, 174) }
```

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

Here you see how a box with a 4 pixel rgb(236, 196, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3687, 0.3629, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 174) }
```

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

```
.background{ background-color: rgb(236,  
196, 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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