

Converting Colors

Yxy(62.6429, 0.3687, 0.3679)

Have a look what the booklet for
Yxy(62.6429, 0.3687, 0.3679)
contains.

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Color

Yxy(62.5310, 0.3686, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	EDC9A6
RGB	237, 201, 166
RGB Percent	93%, 79%, 65%
CMY	0.0708, 0.2117, 0.3490
CMYK	0.00, 0.15, 0.30, 0.07
HSL	30°, 66%, 79%
HSV	30°, 30%, 93%
XYZ	62.6841, 62.5310, 44.8448
YIQ	207.7740, 32.6910, -3.2530

Conversions

Conversions Part 2

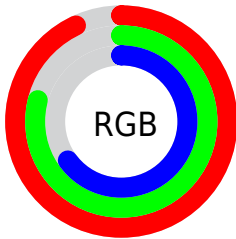
Format	Color
R _Y B	237, 235, 166
Decimal	15583654
CIE Lab	83.19, 7.66, 22.22
CIE LCh	83, 23.504, 70.990
Yxy	62.5310, 0.3686, 0.3677
Android (android.graphics.Color)	4293773734 (0xFFEDC9A6)
YUV	207.7740, -20.5946, 25.6312
Hunter-Lab	79.0765, 3.1132, 21.7299

Details

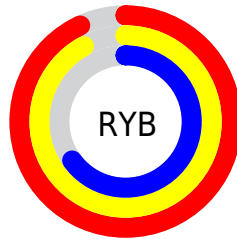
The Yxy color $62.5310, 0.3686, 0.3677$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $56.4329, 0.2648, 0.2868$, and the grayscale version is $63.0420, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.0005, 0.3327, 0.3621$, and $31.7856, 0.3825, 0.3765$ is the 20% darker color. If you saturate the color by 10%, you get $56.3634, 0.3922, 0.3810$, and if you desaturate by 10%, it is $69.3018, 0.3475, 0.3543$.

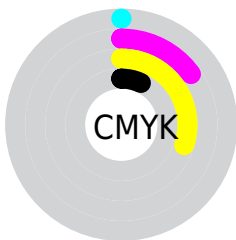
Distribution



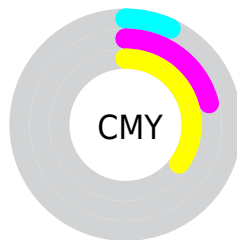
- Red (93%)
- Green (79%)
- Blue (65%)



- Red (93%)
- Yellow (92%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5310, 0.3686, 0.3677 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 62.5310, 0.3686, 0.3677 by changing the saturation by 10% instead.

 62.5310, 0.3686,
0.3677


 62.5310, 0.3686,
0.3677


433.8654, 0.3419,
0.3498

 45.4619, 0.3748,
0.3717


 108.4926, 0.3592,
0.3615

 31.8214, 0.3826,
0.3767


 138.1539, 0.3556,
0.3591

 21.2251, 0.3926,
0.3828


172.7814, 0.3525,
0.3570

 13.2887, 0.4057,
0.3906

212.7594, 0.3498,
0.3552

 7.6276, 0.4237,
0.4008

258.4725, 0.3475,
0.3536

 3.8576, 0.4496,
0.4141

310.3049, 0.3454,

 1.5942, 0.5259,

0.3522

0.4634

368.6410, 0.3436,
0.3510

0.3537, 0.5966,
0.4034

0.0000, 0.0000,
0.0000

62.5310, 0.3686,
0.3677

62.5310, 0.3686,
0.3677

56.3634, 0.3922,
0.3810

69.3018, 0.3475,
0.3543

50.7716, 0.4182,
0.3936

76.6849, 0.3289,
0.3413

45.7385, 0.4457,
0.4042

84.7001, 0.3126,
0.3289

41.2427, 0.4738,
0.4118

92.9850, 0.3017,
0.3231

■ 37.2608, 0.5007,
0.4150

■ 96.7369, 0.3017,
0.3290

■ 33.7665, 0.5247,
0.4128

■ 30.7229, 0.5448,
0.4056

■ 30.7063, 0.5449,
0.4055

Harmonies

Analogous

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



62.5310, 0.3710, 0.3456



62.5310, 0.3686, 0.3677



62.5310, 0.3507, 0.3808

Triad

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



62.5310, 0.3686, 0.3677



62.5310, 0.2699, 0.3354



62.5310, 0.3002, 0.2840

Complementary

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



62.5310, 0.3686, 0.3677



56.4329, 0.2648, 0.2868

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.



62.5310, 0.2745, 0.2799



62.5310, 0.3686, 0.3677



62.5310, 0.2577, 0.3079

Square

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



62.5310, 0.3686, 0.3677



62.5310, 0.2935, 0.3625



62.5310, 0.2594, 0.2881



62.5310, 0.3305, 0.2987

Rectangle

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



62.5310, 0.3686, 0.3677



62.5310, 0.3329, 0.3817



62.5310, 0.2594, 0.2881



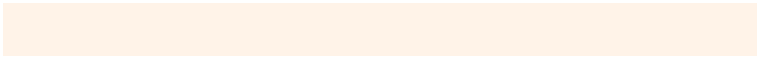
62.5310, 0.2908, 0.2814

Sweetspot

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



62.5339, 0.3686, 0.3677



91.4157, 0.3273, 0.3401



49.5677, 0.3455, 0.2889



19.2821, 0.3298, 0.3420



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.



62.5339, 0.3686, 0.3677



69.2701, 0.3830, 0.3760



80.6109, 0.3583, 0.4027



16.2818, 0.3280, 0.3407



17.0333, 0.5424, 0.4075



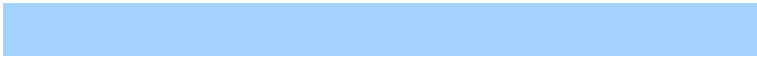
1.5298, 0.5208, 0.4247

Inverse Universe

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



56.4329, 0.2648, 0.2868



60.9702, 0.2547, 0.2764



41.9265, 0.2599, 0.2429



15.8100, 0.2981, 0.3171



10.9403, 0.1778, 0.1602



1.0516, 0.1847, 0.1850

Previews

White Background



This preview shows how the Yxy color 62.5310, 0.3686, 0.3677 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 62.5310, 0.3686, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

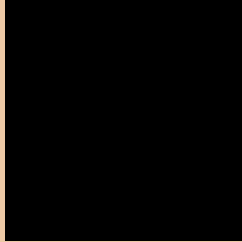
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5310, 0.3686, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 62.5310, 0.3686, 0.3677.



This preview shows how white text looks on a background with the Yxy color 62.5310, 0.3686, 0.3677.

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

62.5310, 0.3686, 0.3677

Protanopia

62.7059, 0.3507, 0.3727

Deuteranopia

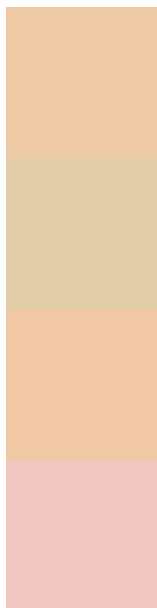
62.3008, 0.3726, 0.3651



Tritanopia

62.5606, 0.3392, 0.3131

Trichromacy



Original Color

62.5310, 0.3686, 0.3677

Protanomaly

62.6585, 0.3568, 0.3710

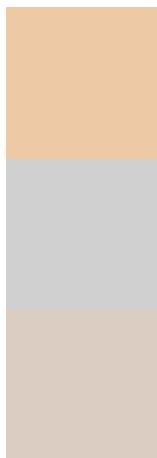
Deuteranomaly

62.5870, 0.3715, 0.3663

Tritanomaly

62.3528, 0.3499, 0.3324

Monochromacy



Original Color

62.5310, 0.3686, 0.3677

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5730, 0.3323, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5310, 0.3686, 0.3677 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(237, 201, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 166)  
}
```

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(237, 201, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 166) }
```

Border

The CSS property to change the border of an element to Yxy 62.5310, 0.3686, 0.3677 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(237, 201, 166) }
```

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

```
.border{ border-color:rgb(237, 201, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 166);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5310, 0.3686, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 166) }
```

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

```
.background{ background-color: rgb(237,  
201, 166) }
```

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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