

Converting Colors

$Y_{xy}(63.1013, 0.3675, 0.3674)$

Have a look what the booklet for
Yxy(63.1013, 0.3675, 0.3674)
contains.

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Color

Yxy(63.0356, 0.3676, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	EDCAA7
RGB	237, 202, 167
RGB Percent	93%, 79%, 65%
CMY	0.0704, 0.2079, 0.3451
CMYK	0.00, 0.15, 0.30, 0.07
HSL	30°, 66%, 79%
HSV	30°, 30%, 93%
XYZ	63.0356, 63.0356, 45.4076
YIQ	208.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

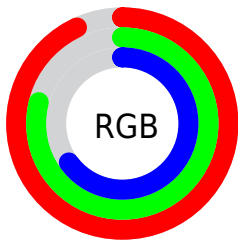
Format	Color
R _Y B	237, 237, 167
Decimal	15583911
CIE Lab	83.46, 7.32, 22.06
CIE LCh	83, 23.244, 71.641
Yxy	63.0356, 0.3676, 0.3676
Android (android.graphics.Color)	4293773991 (0xFFEDCAA7)
YUV	208.4750, -20.4472, 25.0164
Hunter-Lab	79.3950, 2.7788, 21.6673

Details

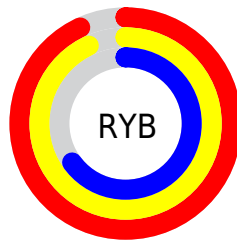
The Yxy color **63.0356, 0.3676, 0.3676** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6146, 0.2654, 0.2869**, and the grayscale version is **63.5260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **32.1209, 0.3809, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **56.8834, 0.3910, 0.3811**, and if you desaturate by 10%, it is **69.7828, 0.3467, 0.3540**.

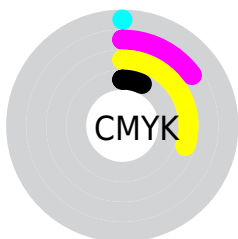
Distribution



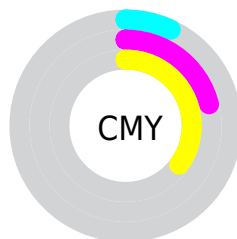
- Red (93%)
- Green (79%)
- Blue (65%)



- Red (93%)
- Yellow (93%)
- 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 63.0356, 0.3676, 0.3676 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 63.0356, 0.3676, 0.3676 by changing the saturation by 10% instead.


 63.0356, 0.3676,
0.3676


 63.0356, 0.3676,
0.3676


435.6987, 0.3415,
0.3498

 45.8700, 0.3737,
0.3716


 109.2209, 0.3584,
0.3614

 32.1433, 0.3813,
0.3765


 139.0093, 0.3549,
0.3590

 21.4709, 0.3911,
0.3827


173.7742, 0.3518,
0.3570

 13.4687, 0.4039,
0.3905

213.8999, 0.3492,
0.3552

 7.7521, 0.4215,
0.4007

259.7708, 0.3469,
0.3536

 3.9367, 0.4467,
0.4142

311.7713, 0.3449,

 1.6382, 0.5174,

0.3522

0.4601

370.2858, 0.3431,
0.3509

0.3832, 0.5862,
0.4138

0.0000, 0.0000,
0.0000

63.0356, 0.3676,
0.3676

63.0356, 0.3676,
0.3676

56.8834, 0.3910,
0.3811

69.7828, 0.3467,
0.3540

51.2991, 0.4167,
0.3938

77.1336, 0.3282,
0.3409

46.2660, 0.4440,
0.4047

85.1076, 0.3120,
0.3285

41.7631, 0.4718,
0.4126

93.2726, 0.3018,
0.3235

■ 37.7675, 0.4985,
0.4160

■ 96.7546, 0.3018,
0.3290

■ 34.2535, 0.5224,
0.4142

■ 31.1858, 0.5424,
0.4072

■ 31.0566, 0.5432,
0.4069

Harmonies

Analogous

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



63.0356, 0.3704, 0.3459



63.0356, 0.3676, 0.3676



63.0356, 0.3497, 0.3803

Triad

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



63.0356, 0.3676, 0.3676



63.0356, 0.2701, 0.3347



63.0356, 0.3010, 0.2848

Complementary

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



63.0356, 0.3676, 0.3676



56.6146, 0.2654, 0.2869

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.



63.0356, 0.2755, 0.2805



63.0356, 0.3676, 0.3676



63.0356, 0.2583, 0.3077

Square

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



63.0356, 0.3676, 0.3676



63.0356, 0.2932, 0.3615



63.0356, 0.2603, 0.2883



63.0356, 0.3309, 0.2995

Rectangle

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



63.0356, 0.3676, 0.3676



63.0356, 0.3320, 0.3809



63.0356, 0.2603, 0.2883



63.0356, 0.2917, 0.2821

Sweetspot

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



63.0385, 0.3676, 0.3676



91.4951, 0.3273, 0.3402



49.9768, 0.3450, 0.2894



19.3016, 0.3298, 0.3421



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.



63.0385, 0.3676, 0.3676



70.2512, 0.3804, 0.3752



80.7330, 0.3577, 0.4017



16.2966, 0.3280, 0.3408



17.2092, 0.5407, 0.4089



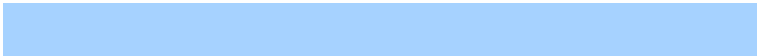
1.5437, 0.5194, 0.4258

Inverse Universe

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



56.6146, 0.2654, 0.2869



61.6100, 0.2562, 0.2775



42.4049, 0.2607, 0.2442



15.7952, 0.2981, 0.3169



10.7613, 0.1773, 0.1582



1.0375, 0.1843, 0.1833

Previews

White Background



This preview shows how the Yxy color 63.0356, 0.3676, 0.3676 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 63.0356, 0.3676, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

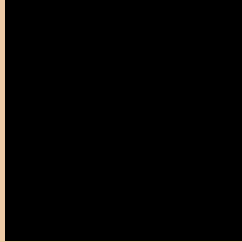
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0356, 0.3676, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 63.0356, 0.3676, 0.3676.



This preview shows how white text looks on a background with the Yxy color 63.0356, 0.3676, 0.3676.

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

63.0356, 0.3676, 0.3676

Protanopia

63.2297, 0.3497, 0.3727

Deuteranopia

62.9758, 0.3723, 0.3650



Tritanopia

63.0602, 0.3382, 0.3131

Trichromacy



Original Color

63.0356, 0.3676, 0.3676

Protanomaly

63.1759, 0.3558, 0.3709

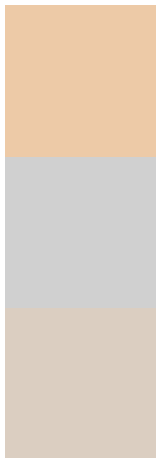
Deuteranomaly

63.0886, 0.3704, 0.3662

Tritanomaly

62.8536, 0.3489, 0.3324

Monochromacy



Original Color

63.0356, 0.3676, 0.3676

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0529, 0.3322, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0356, 0.3676, 0.3676 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, 202, 167)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 167)  
}
```

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, 202, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 167) }
```

Border

The CSS property to change the border of an element to Yxy 63.0356, 0.3676, 0.3676 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, 202, 167) }
```

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

```
.border{ border-color:rgb(237, 202, 167) }
```

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

Here you see how a box with a 4 pixel rgb(237, 202, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 167);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
167) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 63.0356, 0.3676, 0.3676$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 202, 167) }
```

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

```
.background{ background-color: rgb(237,  
202, 167) }
```

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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