

Converting Colors

$Yxy(56.1542, 0.3754, 0.3656)$

Have a look what the booklet for
Yxy(56.1542, 0.3754, 0.3656)
contains.

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Color

Yxy(55.9853, 0.3757, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	E8BD9D
RGB	232, 189, 157
RGB Percent	91%, 74%, 62%
CMY	0.0902, 0.2588, 0.3843
CMYK	0.00, 0.19, 0.32, 0.09
HSL	26°, 62%, 76%
HSV	26°, 32%, 91%
XYZ	57.5634, 55.9853, 39.6677
YIQ	198.2090, 35.9000, -0.8360

Conversions

Conversions Part 2

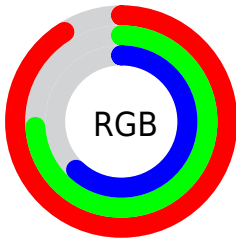
Format	Color
R _{YB}	232, 213, 157
Decimal	15252893
CIE Lab	79.61, 10.94, 22.00
CIE LCh	80, 24.565, 63.557
Yxy	55.9853, 0.3757, 0.3654
Android (android.graphics.Color)	4293442973 (0xFFE8BD9D)
YUV	198.2090, -20.3160, 29.6347
Hunter-Lab	74.8233, 6.3836, 20.9436

Details

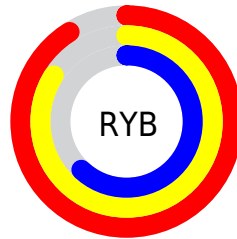
The Yxy color **55.9853, 0.3757, 0.3654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.3024, 0.2618, 0.2894**, and the grayscale version is **56.7168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3183, 0.3397, 0.3617**, and **27.7629, 0.3914, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **49.8067, 0.4014, 0.3769**, and if you desaturate by 10%, it is **62.8443, 0.3530, 0.3537**.

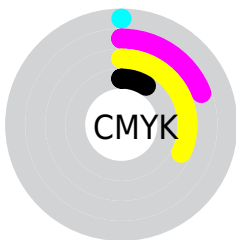
Distribution



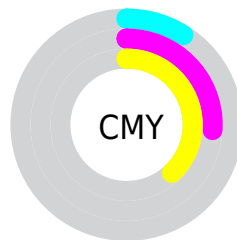
- Red (91%)
- Green (74%)
- Blue (62%)



- Red (91%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9853, 0.3757, 0.3654 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 55.9853, 0.3757, 0.3654 by changing the saturation by 10% instead.


 55.9853, 0.3757,
0.3654

 55.9853, 0.3757,
0.3654


409.6361, 0.3450,
0.3485

 40.1911, 0.3831,
0.3692


 98.9831, 0.3648,
0.3596

 27.6876, 0.3923,
0.3739


 126.9555, 0.3606,
0.3573

 18.0903, 0.4043,
0.3796


159.7561, 0.3570,
0.3553

 11.0148, 0.4204,
0.3869

197.7693, 0.3540,
0.3536

 6.0768, 0.4428,
0.3960

241.3795, 0.3513,
0.3521

 2.8918, 0.4762,
0.4075

290.9711, 0.3490,

 1.0755, 0.5579,

0.3508

0.4421

346.9285, 0.3469,
0.3496

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9853, 0.3757,
0.3654

55.9853, 0.3757,
0.3654

49.8067, 0.4014,
0.3769

62.8443, 0.3530,
0.3537

44.2783, 0.4298,
0.3875

70.3974, 0.3333,
0.3423

39.3785, 0.4603,
0.3960

78.6675, 0.3163,
0.3314

35.0815, 0.4915,
0.4011

87.6739, 0.3017,
0.3213

■ 31.3591, 0.5214,
0.4017

■ 95.8971, 0.2988,
0.3290

■ 28.1797, 0.5475,
0.3968

■ 26.0806, 0.5644,
0.3900

Harmonies

Analogous

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



55.9853, 0.3738, 0.3401



55.9853, 0.3757, 0.3654



55.9853, 0.3599, 0.3829

Triad

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



55.9853, 0.3757, 0.3654



55.9853, 0.2717, 0.3436



55.9853, 0.2914, 0.2782

Complementary

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



55.9853, 0.3757, 0.3654



54.3024, 0.2618, 0.2894

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.



55.9853, 0.2661, 0.2769



55.9853, 0.3757, 0.3654



55.9853, 0.2552, 0.3128

Square

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



55.9853, 0.3757, 0.3654



55.9853, 0.2995, 0.3714



55.9853, 0.2532, 0.2888



55.9853, 0.3238, 0.2914

Rectangle

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



55.9853, 0.3757, 0.3654



55.9853, 0.3420, 0.3869



55.9853, 0.2532, 0.2888



55.9853, 0.2819, 0.2763

Sweetspot

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



55.9879, 0.3757, 0.3654



89.4899, 0.3292, 0.3397



45.4748, 0.3442, 0.2802



18.8540, 0.3318, 0.3413



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.



55.9879, 0.3757, 0.3654



64.0269, 0.3930, 0.3734



73.8516, 0.3634, 0.4036



15.3740, 0.3282, 0.3391



14.7162, 0.5616, 0.3923



1.2686, 0.5359, 0.4126

Inverse Universe

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



54.3024, 0.2618, 0.2894



61.6125, 0.2510, 0.2794



39.2761, 0.2559, 0.2415



15.2522, 0.2981, 0.3187



12.8028, 0.1843, 0.1833



1.1295, 0.1907, 0.2066

Previews

White Background



This preview shows how the Yxy color 55.9853, 0.3757, 0.3654 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 55.9853, 0.3757, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

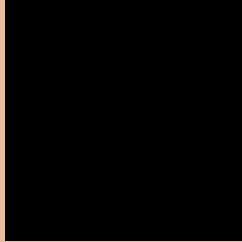
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9853, 0.3757, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 55.9853, 0.3757, 0.3654.



This preview shows how white text looks on a background with the Yxy color 55.9853, 0.3757, 0.3654.

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

55.9853, 0.3757, 0.3654

Protanopia

56.0610, 0.3501, 0.3725

Deuteranopia

56.0842, 0.3736, 0.3667



Tritanopia

55.7771, 0.3459, 0.3126

Trichromacy



Original Color

55.9853, 0.3757, 0.3654

Protanomaly

55.8734, 0.3586, 0.3693

Deuteranomaly

56.2502, 0.3745, 0.3666

Tritanomaly

55.7790, 0.3574, 0.3314

Monochromacy



Original Color

55.9853, 0.3757, 0.3654

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1507, 0.3341, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9853, 0.3757, 0.3654 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(232, 189, 157)` looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 157)  
}
```

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(232, 189, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 157) }
```

Border

The CSS property to change the border of an element to Yxy 55.9853, 0.3757, 0.3654 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(232, 189, 157) }
```

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

```
.border{ border-color:rgb(232, 189, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 189, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 157);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9853, 0.3757, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 157) }
```

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

```
.background{ background-color: rgb(232,  
189, 157) }
```

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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