

Converting Colors

$Yxy(56.5532, 0.3928, 0.3848)$

Have a look what the booklet for
Yxy(56.5532, 0.3928, 0.3848)
contains.

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Color

Yxy(56.5532, 0.3928, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	ECBE8C
RGB	236, 190, 140
RGB Percent	93%, 75%, 55%
CMY	0.0747, 0.2548, 0.4510
CMYK	0.00, 0.19, 0.41, 0.07
HSL	31°, 72%, 74%
HSV	31°, 41%, 93%
XYZ	57.7289, 56.5532, 32.6856
YIQ	198.0540, 43.4660, -5.7980

Conversions

Conversions Part 2

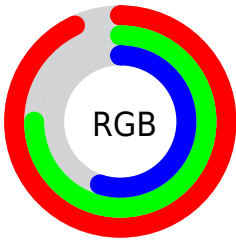
Format	Color
R _Y B	228, 236, 140
Decimal	15515276
CIE Lab	79.93, 9.96, 31.48
CIE LCh	80, 33.014, 72.449
Yxy	56.5532, 0.3928, 0.3848
Android (android.graphics.Color)	4293705356 (0xFFECBE8C)
YUV	198.0540, -28.6206, 33.2786
Hunter-Lab	75.2019, 5.4228, 26.8716

Details

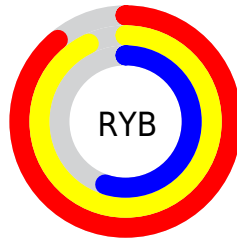
The Yxy color **56.5532, 0.3928, 0.3848** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.7225, 0.2468, 0.2651**, and the grayscale version is **56.6638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0666, 0.3509, 0.3807**, and **28.0776, 0.4128, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **51.2268, 0.4180, 0.3979**, and if you desaturate by 10%, it is **62.4135, 0.3696, 0.3708**.

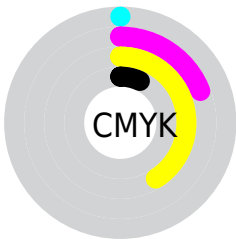
Distribution



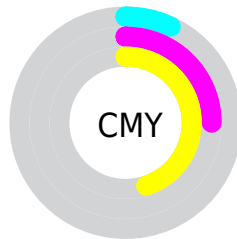
- Red (93%)
- Green (75%)
- Blue (55%)



- Red (89%)
- Yellow (93%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5532, 0.3928, 0.3848 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 56.5532, 0.3928, 0.3848 by changing the saturation by 10% instead.


 56.5532, 0.3928,
0.3848


 56.5532, 0.3928,
0.3848


411.7730, 0.3542,
0.3591

 40.6466, 0.4019,
0.3905


 99.8130, 0.3792,
0.3760

 28.0431, 0.4131,
0.3973


 127.9349, 0.3739,
0.3725

 18.3581, 0.4275,
0.4056


 160.8975, 0.3694,
0.3695

 11.2074, 0.4461,
0.4156

199.0850, 0.3656,
0.3669

 6.2065, 0.4707,
0.4275

242.8820, 0.3622,
0.3646

 2.9711, 0.5176,
0.4518

292.6727, 0.3592,

 1.1166, 0.5511,

0.3626

0.4489

348.8415, 0.3565,
0.3607

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5532, 0.3928,
0.3848

56.5532, 0.3928,
0.3848

51.2268, 0.4180,
0.3979

62.4135, 0.3696,
0.3708

46.4080, 0.4446,
0.4090

68.8167, 0.3486,
0.3567

42.0801, 0.4713,
0.4169

75.7816, 0.3301,
0.3429

38.2214, 0.4967,
0.4203

83.3235, 0.3137,
0.3298

■ 34.8076, 0.5191,
0.4184

■ 91.2633, 0.3011,
0.3206

■ 31.9909, 0.5367,
0.4121

■ 96.5656, 0.3011,
0.3290

Harmonies

Analogous

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



56.5532, 0.3982, 0.3529



56.5532, 0.3928, 0.3848



56.5532, 0.3652, 0.4048

Triad

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



56.5532, 0.3928, 0.3848



56.5532, 0.2500, 0.3355



56.5532, 0.2961, 0.2662

Complementary

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



56.5532, 0.3928, 0.3848



46.7225, 0.2468, 0.2651

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.



56.5532, 0.2593, 0.2592



56.5532, 0.3928, 0.3848



56.5532, 0.2342, 0.2956

Square

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



56.5532, 0.3928, 0.3848



56.5532, 0.2825, 0.3769



56.5532, 0.2375, 0.2688



56.5532, 0.3402, 0.2872

Rectangle

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



56.5532, 0.3928, 0.3848



56.5532, 0.3389, 0.4066



56.5532, 0.2375, 0.2688



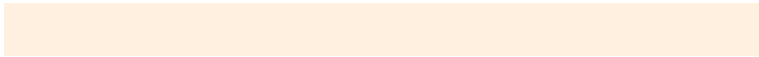
56.5532, 0.2826, 0.2621

Sweetspot

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



56.5559, 0.3928, 0.3848



89.1905, 0.3325, 0.3448



40.1449, 0.3655, 0.2776



18.8516, 0.3348, 0.3466



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.



56.5559, 0.3928, 0.3848



61.9852, 0.4142, 0.3961



79.4133, 0.3723, 0.4300



16.3532, 0.3280, 0.3413



17.9022, 0.5343, 0.4140



1.5983, 0.5140, 0.4300

Inverse Universe

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



46.7225, 0.2468, 0.2651



48.7393, 0.2329, 0.2487



30.5274, 0.2382, 0.2042



15.7387, 0.2981, 0.3164



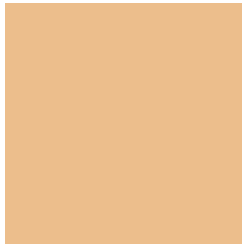
10.1020, 0.1753, 0.1510



0.9849, 0.1824, 0.1767

Previews

White Background



This preview shows how the Yxy color 56.5532, 0.3928, 0.3848 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 56.5532, 0.3928, 0.3848 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 56.5532, 0.3928, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 56.5532, 0.3928, 0.3848.



This preview shows how white text looks on a background with the Yxy color 56.5532, 0.3928, 0.3848.

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

56.5532, 0.3928, 0.3848

Protanopia

56.5479, 0.3664, 0.3934

Deuteranopia

56.5532, 0.3928, 0.3848



Tritanopia

56.7754, 0.3519, 0.3140

Trichromacy



Original Color

56.5532, 0.3928, 0.3848

Protanomaly

56.3855, 0.3752, 0.3897

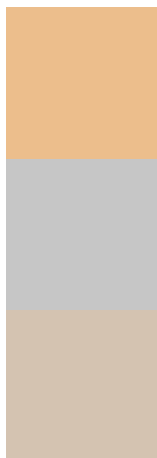
Deuteranomaly

56.5532, 0.3928, 0.3848

Tritanomaly

56.7777, 0.3674, 0.3402

Monochromacy



Original Color

56.5532, 0.3928, 0.3848

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2016, 0.3405, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5532, 0.3928, 0.3848 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, 190, 140)` looks like.

```
.text, #text, p{  
    color:rgb(236, 190, 140)  
}
```

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, 190, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 190, 140) }
```

Border

The CSS property to change the border of an element to Yxy 56.5532, 0.3928, 0.3848 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, 190, 140) }
```

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

```
.border{ border-color:rgb(236, 190, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 190, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 190, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 190, 140);  
box-shadow:4px 4px 4px 4px rgb(236, 190,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5532, 0.3928, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 190, 140) }
```

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

```
.background{ background-color: rgb(236,  
190, 140) }
```

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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