

Converting Colors

$Yxy(56.4788, 0.3831, 0.3861)$

Have a look what the booklet for
Yxy(56.4788, 0.3831, 0.3861)
contains.

Yxy(56.6171, 0.3821, 0.3862)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6171, 0.3821, 0.3862)

Conversions

Conversions Part 1

Format	Color
Hex	E4C18F
RGB	228, 193, 143
RGB Percent	89%, 76%, 56%
CMY	0.1060, 0.2431, 0.4392
CMYK	0.00, 0.15, 0.37, 0.11
HSL	35°, 61%, 73%
HSV	35°, 37%, 89%
XYZ	56.0160, 56.6171, 33.9673
YIQ	197.7650, 36.9100, -8.1300

Conversions

Conversions Part 2

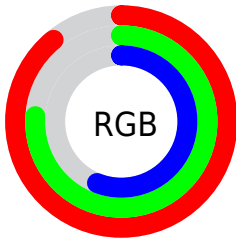
Format	Color
R _Y B	203, 228, 143
Decimal	14991759
CIE Lab	79.96, 5.57, 29.81
CIE LCh	80, 30.328, 79.418
Yxy	56.6171, 0.3821, 0.3862
Android (android.graphics.Color)	4293181839 (0xFFE4C18F)
YUV	197.7650, -26.9991, 26.5161
Hunter-Lab	75.2443, 1.2077, 25.9059

Details

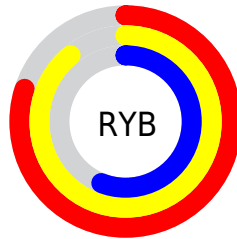
The Yxy color **56.6171, 0.3821, 0.3862** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.2676, 0.2514, 0.2637**, and the grayscale version is **56.4724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0426, 0.3484, 0.3805**, and **28.1868, 0.3993, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **51.9809, 0.4049, 0.4013**, and if you desaturate by 10%, it is **61.6620, 0.3609, 0.3705**.

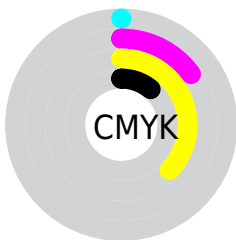
Distribution



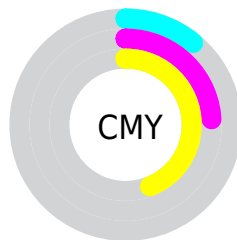
- Red (89%)
- Green (76%)
- Blue (56%)



- Red (80%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6171, 0.3821, 0.3862 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 56.6171, 0.3821, 0.3862 by changing the saturation by 10% instead.


 56.6171, 0.3821,
0.3862

 56.6171, 0.3821,
0.3862


412.0130, 0.3487,
0.3593

 40.6979, 0.3899,
0.3923


 99.9063, 0.3703,
0.3769

 28.0831, 0.3997,
0.3998


 128.0450, 0.3658,
0.3732

 18.3883, 0.4121,
0.4090


161.0258, 0.3619,
0.3701

 11.2291, 0.4282,
0.4207

199.2329, 0.3586,
0.3674

 6.2212, 0.4496,
0.4353

243.0508, 0.3556,
0.3650

 2.9800, 0.4881,
0.4619

292.8638, 0.3530,

 1.1213, 0.5237,

0.3629

0.4763

349.0564, 0.3508,
0.3610

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6171, 0.3821,
0.3862

56.6171, 0.3821,
0.3862

51.9809, 0.4049,
0.4013

61.6620, 0.3609,
0.3705

47.7320, 0.4287,
0.4147

67.1203, 0.3415,
0.3547

43.8587, 0.4526,
0.4253

73.0063, 0.3241,
0.3395

40.3450, 0.4753,
0.4318

79.3313, 0.3087,
0.3252

■ 37.1731, 0.4955,
0.4334

■ 85.9768, 0.2962,
0.3137

■ 34.3209, 0.5123,
0.4296

■ 91.6398, 0.2963,
0.3232

■ 33.5884, 0.5166,
0.4280

■ 95.2288, 0.2964,
0.3290

Harmonies

Analogous

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



56.6171, 0.3921, 0.3587



56.6171, 0.3821, 0.3862



56.6171, 0.3532, 0.4002

Triad

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



56.6171, 0.3821, 0.3862



56.6171, 0.2500, 0.3261



56.6171, 0.3068, 0.2744

Complementary

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



56.6171, 0.3821, 0.3862



43.2676, 0.2514, 0.2637

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.



56.6171, 0.2704, 0.2647



56.6171, 0.3821, 0.3862



56.6171, 0.2393, 0.2915

Square

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



56.6171, 0.3821, 0.3862



56.6171, 0.2770, 0.3647



56.6171, 0.2465, 0.2701



56.6171, 0.3471, 0.2964

Rectangle

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



56.6171, 0.3821, 0.3862



56.6171, 0.3279, 0.3980



56.6171, 0.2465, 0.2701



56.6171, 0.2937, 0.2696

Sweetspot

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



56.6197, 0.3821, 0.3862



91.1801, 0.3305, 0.3452



39.3688, 0.3653, 0.2883



19.2939, 0.3329, 0.3473



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.



56.6197, 0.3821, 0.3862



68.1704, 0.4003, 0.3984



72.8075, 0.3632, 0.4232



15.7708, 0.3278, 0.3428



19.6402, 0.5147, 0.4295



1.6333, 0.4970, 0.4436

Inverse Universe

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



43.2676, 0.2514, 0.2637



48.5532, 0.2376, 0.2467



31.7417, 0.2499, 0.2178



14.8562, 0.2981, 0.3148



8.0572, 0.1695, 0.1301



0.7747, 0.1775, 0.1589

Previews

White Background



This preview shows how the Yxy color 56.6171, 0.3821, 0.3862 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 56.6171, 0.3821, 0.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

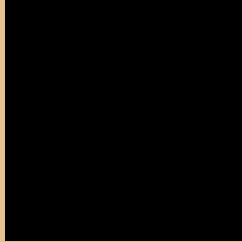
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6171, 0.3821, 0.3862

Background



This preview shows how black text looks on a background with the Yxy color 56.6171, 0.3821, 0.3862.



This preview shows how white text looks on a background with the Yxy color 56.6171, 0.3821, 0.3862.

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

56.6171, 0.3821, 0.3862

Protanopia

56.5786, 0.3656, 0.3922

Deuteranopia

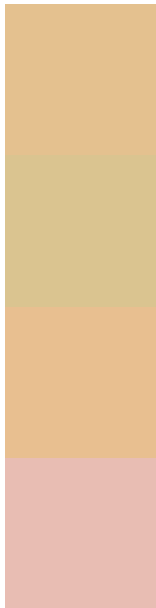
56.5027, 0.3887, 0.3806



Tritanopia

56.7804, 0.3420, 0.3136

Trichromacy



Original Color

56.6171, 0.3821, 0.3862

Protanomaly

56.3989, 0.3715, 0.3902

Deuteranomaly

56.4310, 0.3857, 0.3822

Tritanomaly

56.8057, 0.3572, 0.3404

Monochromacy



Original Color

56.6171, 0.3821, 0.3862

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2495, 0.3370, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6171, 0.3821, 0.3862 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(228, 193, 143)` looks like.

```
.text, #text, p{  
    color:rgb(228, 193, 143)  
}
```

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(228, 193, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 193, 143) }
```

Border

The CSS property to change the border of an element to Yxy 56.6171, 0.3821, 0.3862 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(228, 193, 143) }
```

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

```
.border{ border-color:rgb(228, 193, 143) }
```

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

Here you see how a box with a 4 pixel rgb(228, 193, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 193, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 193, 143);  
box-shadow:4px 4px 4px 4px rgb(228, 193,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6171, 0.3821, 0.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 193, 143) }
```

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

```
.background{ background-color: rgb(228,  
193, 143) }
```

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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