

Converting Colors

Yxy(56.7674, 0.3794, 0.3869)

Have a look what the booklet for
Yxy(56.7674, 0.3794, 0.3869)
contains.

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Color

Yxy(56.7659, 0.3792, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	E2C290
RGB	226, 194, 144
RGB Percent	89%, 76%, 56%
CMY	0.1137, 0.2392, 0.4352
CMYK	0.00, 0.14, 0.36, 0.11
HSL	37°, 59%, 73%
HSV	37°, 36%, 89%
XYZ	55.6937, 56.7659, 34.4120
YIQ	197.8680, 35.1220, -8.7660

Conversions

Conversions Part 2

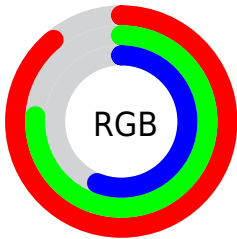
Format	Color
R_{YB}	196, 226, 144
Decimal	14860944
CIE _{Lab}	80.05, 4.40, 29.37
CIE _{LCh}	80, 29.695, 81.475
Yxy	56.7659, 0.3792, 0.3865
Android (android.graphics.Color)	4293051024 (0xFFE2C290)
YUV	197.8680, -26.5569, 24.6718
Hunter-Lab	75.3431, 0.0969, 25.6602

Details

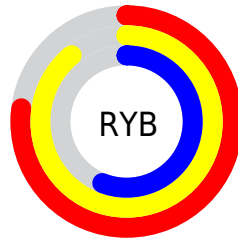
The Yxy color **56.7659, 0.3792, 0.3865** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.4838, 0.2528, 0.2634**, and the grayscale version is **56.5387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7084, 0.3476, 0.3804**, and **28.2751, 0.3953, 0.4012** is the 20% darker color. If you saturate the color by 10%, you get **52.3332, 0.4014, 0.4021**, and if you desaturate by 10%, it is **61.5754, 0.3585, 0.3702**.

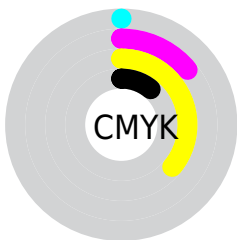
Distribution



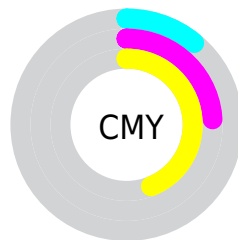
- Red (89%)
- Green (76%)
- Blue (56%)



- Red (77%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (36%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7659, 0.3792, 0.3865 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 56.7659, 0.3792, 0.3865 by changing the saturation by 10% instead.


 56.7659, 0.3792,
0.3865


 56.7659, 0.3792,
0.3865


412.5715, 0.3472,
0.3594

 40.8173, 0.3867,
0.3927


 100.1235, 0.3679,
0.3771

 28.1764, 0.3960,
0.4003


 128.3014, 0.3636,
0.3734

 18.4587, 0.4078,
0.4098


161.3244, 0.3599,
0.3702

 11.2798, 0.4233,
0.4218

199.5770, 0.3567,
0.3675

 6.2553, 0.4438,
0.4372

243.4437, 0.3539,
0.3651

 3.0010, 0.4797,
0.4641

293.3087, 0.3514,

 1.1322, 0.5161,

0.3630

0.4839

349.5565, 0.3492,
0.3611

0.0053, 0.9551,
0.0449

0.0000, 0.0000,
0.0000

56.7659, 0.3792,
0.3865

56.7659, 0.3792,
0.3865

52.3332, 0.4014,
0.4021

61.5754, 0.3585,
0.3702

48.2572, 0.4244,
0.4162

66.7655, 0.3396,
0.3540

44.5271, 0.4474,
0.4276

72.3495, 0.3225,
0.3384

41.1284, 0.4693,
0.4350


78.3378, 0.3073,
0.3236


 38.0445, 0.4888,
0.4376

 84.6094, 0.2949,
0.3118

 35.2559, 0.5050,
0.4348

 89.8776, 0.2951,
0.3208

 34.2834, 0.5104,
0.4329

 94.9109, 0.2952,
0.3289

Harmonies

Analogous

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



56.7659, 0.3904, 0.3603



56.7659, 0.3792, 0.3865



56.7659, 0.3500, 0.3989

Triad

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



56.7659, 0.3792, 0.3865



56.7659, 0.2500, 0.3236



56.7659, 0.3097, 0.2766

Complementary

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



56.7659, 0.3792, 0.3865



42.4838, 0.2528, 0.2634

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.



56.7659, 0.2734, 0.2662



56.7659, 0.3792, 0.3865



56.7659, 0.2407, 0.2904

Square

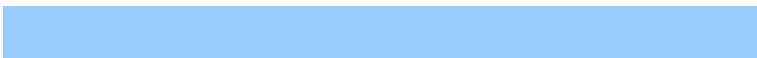
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7659, 0.3792, 0.3865



56.7659, 0.2755, 0.3615



56.7659, 0.2490, 0.2705



56.7659, 0.3490, 0.2989

Rectangle

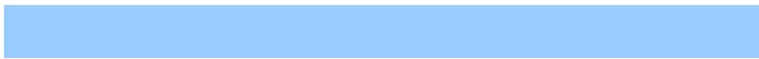
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7659, 0.3792, 0.3865



56.7659, 0.3249, 0.3956



56.7659, 0.2490, 0.2705



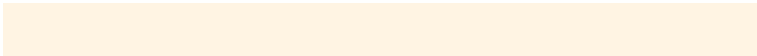
56.7659, 0.2967, 0.2716

Sweetspot

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



56.7685, 0.3792, 0.3865



91.5341, 0.3304, 0.3458



39.2886, 0.3648, 0.2910



19.3783, 0.3328, 0.3480



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.



56.7685, 0.3792, 0.3865



69.9230, 0.3969, 0.3991



71.2908, 0.3608, 0.4211



15.0842, 0.3277, 0.3433



19.7933, 0.5086, 0.4344



1.5445, 0.4912, 0.4482

Inverse Universe

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



42.4838, 0.2528, 0.2634



48.4148, 0.2388, 0.2459



32.1386, 0.2530, 0.2215



14.1166, 0.2981, 0.3143



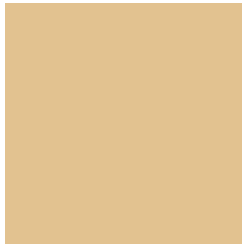
7.3512, 0.1678, 0.1241



0.6800, 0.1764, 0.1549

Previews

White Background



This preview shows how the Yxy color 56.7659, 0.3792, 0.3865 looks on a white background.

Color Contrast Check

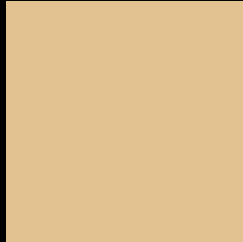
Large Text (above 18pt) WCAG AA × Fail

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 56.7659, 0.3792, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

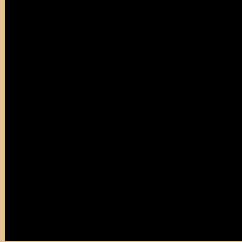
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7659, 0.3792, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 56.7659, 0.3792, 0.3865.



This preview shows how white text looks on a background with the Yxy color 56.7659, 0.3792, 0.3865.

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

56.7659, 0.3792, 0.3865

Protanopia

56.6096, 0.3649, 0.3910

Deuteranopia

56.5334, 0.3879, 0.3795



Tritanopia

56.4907, 0.3395, 0.3125

Trichromacy



Original Color

56.7659, 0.3792, 0.3865

Protanomaly

56.8823, 0.3703, 0.3902

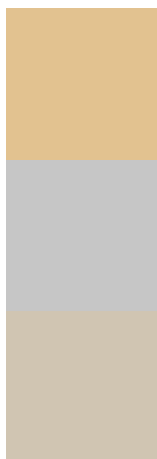
Deuteranomaly

56.4617, 0.3848, 0.3811

Tritanomaly

56.5135, 0.3546, 0.3393

Monochromacy



Original Color

56.7659, 0.3792, 0.3865

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5568, 0.3360, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7659, 0.3792, 0.3865 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(226, 194, 144)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 144)  
}
```

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(226, 194, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 144) }
```

Border

The CSS property to change the border of an element to Yxy 56.7659, 0.3792, 0.3865 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(226, 194, 144) }
```

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

```
.border{ border-color:rgb(226, 194, 144) }
```

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

Here you see how a box with a 4 pixel rgb(226, 194, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 194, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 194, 144);  
box-shadow:4px 4px 4px 4px rgb(226, 194,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7659, 0.3792, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 144) }
```

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

```
.background{ background-color: rgb(226,  
194, 144) }
```

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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