

Converting Colors

Yxy(56.6304, 0.3575, 0.3533)

Have a look what the booklet for
Yxy(56.6304, 0.3575, 0.3533)
contains.

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Color

Yxy(56.6471, 0.3571, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	E1C0AB
RGB	225, 192, 171
RGB Percent	88%, 75%, 67%
CMY	0.1175, 0.2471, 0.3295
CMYK	0.00, 0.15, 0.24, 0.12
HSL	23°, 47%, 78%
HSV	23°, 24%, 88%
XYZ	57.2564, 56.6471, 46.4336
YIQ	199.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

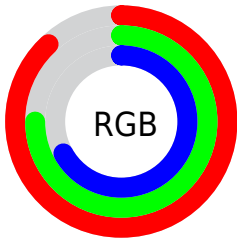
Format	Color
R _Y B	225, 205, 171
Decimal	14794923
CIE Lab	79.98, 8.57, 14.94
CIE LCh	80, 17.225, 60.171
Yxy	56.6471, 0.3571, 0.3533
Android (android.graphics.Color)	4292985003 (0xFFE1C0AB)
YUV	199.4730, -14.0372, 22.3872
Hunter-Lab	75.2643, 4.0792, 16.1065

Details

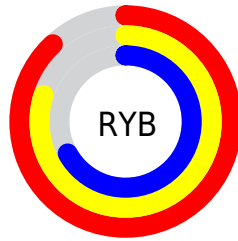
The Yxy color **56.6471, 0.3571, 0.3533** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.2842, 0.2753, 0.3034**, and the grayscale version is **57.4959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8858, 0.3306, 0.3505**, and **28.2322, 0.3683, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **50.1037, 0.3808, 0.3640**, and if you desaturate by 10%, it is **63.9060, 0.3366, 0.3428**.

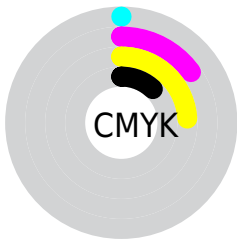
Distribution



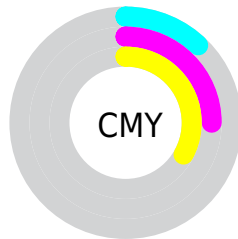
- Red (88%)
- Green (75%)
- Blue (67%)



- Red (88%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (12%)




- Cyan (12%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6471, 0.3571, 0.3533 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 56.6471, 0.3571, 0.3533 by changing the saturation by 10% instead.


 56.6471, 0.3571,
0.3533

 56.6471, 0.3571,
0.3533


412.1256, 0.3355,
0.3419

 40.7220, 0.3623,
0.3559


 99.9501, 0.3494,
0.3493

 28.1019, 0.3689,
0.3592

128.0967, 0.3464,
0.3478

 18.4025, 0.3775,
0.3633


161.0860, 0.3439,
0.3465

 11.2393, 0.3890,
0.3686

199.3023, 0.3418,
0.3453

 6.2281, 0.4055,
0.3758

243.1300, 0.3399,
0.3443

 2.9842, 0.4307,
0.3856

292.9535, 0.3383,

 1.1235, 0.5096,

0.3434

0.4298

349.1573, 0.3368,
0.3426

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6471, 0.3571,
0.3533

56.6471, 0.3571,
0.3533

50.1037, 0.3808,
0.3640

63.9060, 0.3366,
0.3428

44.2454, 0.4078,
0.3744

71.8945, 0.3190,
0.3328

39.0506, 0.4379,
0.3838

80.6356, 0.3040,
0.3235

34.4937, 0.4702,
0.3909

89.7574, 0.2945,
0.3209

■ 30.5469, 0.5032,
0.3946

■ 94.7520, 0.2946,
0.3289

■ 27.1800, 0.5344,
0.3937

■ 24.3592, 0.5612,
0.3873

■ 22.9106, 0.5749,
0.3817

Harmonies

Analogous

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



56.6471, 0.3542, 0.3352



56.6471, 0.3571, 0.3533



56.6471, 0.3476, 0.3659

Triad

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



56.6471, 0.3571, 0.3533



56.6471, 0.2859, 0.3417



56.6471, 0.2956, 0.2923

Complementary

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



56.6471, 0.3571, 0.3533



57.2842, 0.2753, 0.3034

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.



56.6471, 0.2783, 0.2927



56.6471, 0.3571, 0.3533



56.6471, 0.2729, 0.3205

Square

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



56.6471, 0.3571, 0.3533



56.6471, 0.3062, 0.3598



56.6471, 0.2702, 0.3027



56.6471, 0.3181, 0.3008

Rectangle

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



56.6471, 0.3571, 0.3533



56.6471, 0.3358, 0.3690



56.6471, 0.2702, 0.3027



56.6471, 0.2890, 0.2914

Sweetspot

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



56.6497, 0.3571, 0.3533



92.1395, 0.3241, 0.3358



49.5048, 0.3328, 0.2913



19.5815, 0.3251, 0.3364



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.



56.6497, 0.3571, 0.3533



70.5960, 0.3690, 0.3589



69.4698, 0.3504, 0.3823



14.5703, 0.3282, 0.3382



13.4096, 0.5722, 0.3839



1.0997, 0.5436, 0.4066

Inverse Universe

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



57.2842, 0.2753, 0.3034



71.5750, 0.2672, 0.2970



45.6507, 0.2724, 0.2694



14.6306, 0.2981, 0.3197



13.7587, 0.1880, 0.1968



1.1260, 0.1943, 0.2194

Previews

White Background



This preview shows how the Yxy color 56.6471, 0.3571, 0.3533 looks on a white background.

Color Contrast Check

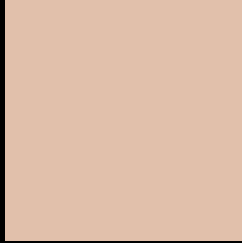
Large Text (above 18pt) WCAG AA × Fail

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 56.6471, 0.3571, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

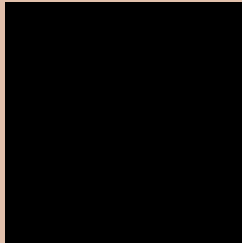
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6471, 0.3571, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 56.6471, 0.3571, 0.3533.



This preview shows how white text looks on a background with the Yxy color 56.6471, 0.3571, 0.3533.

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

56.6471, 0.3571, 0.3533

Protanopia

56.8541, 0.3389, 0.3578

Deuteranopia

56.5328, 0.3590, 0.3520



Tritanopia

56.4629, 0.3360, 0.3123

Trichromacy



Original Color

56.6471, 0.3571, 0.3533

Protanomaly

56.7931, 0.3451, 0.3563

Deuteranomaly

56.3706, 0.3582, 0.3521

Tritanomaly

56.6508, 0.3438, 0.3268

Monochromacy



Original Color

56.6471, 0.3571, 0.3533

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5639, 0.3277, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6471, 0.3571, 0.3533 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(225, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 171)  
}
```

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(225, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.6471, 0.3571, 0.3533 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(225, 192, 171) }
```

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

```
.border{ border-color:rgb(225, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(225, 192,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6471, 0.3571, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 171) }
```

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

```
.background{ background-color: rgb(225,  
192, 171) }
```

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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