

Converting Colors

Yxy(56.9370, 0.3725, 0.3881)

Have a look what the booklet for
Yxy(56.9370, 0.3725, 0.3881)
contains.

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Color

Yxy(56.9273, 0.3725, 0.3873)

Conversions

Conversions Part 1

Format	Color
Hex	DDC492
RGB	221, 196, 146
RGB Percent	87%, 77%, 57%
CMY	0.1333, 0.2314, 0.4274
CMYK	0.00, 0.11, 0.34, 0.13
HSL	40°, 52%, 72%
HSV	40°, 34%, 87%
XYZ	54.7519, 56.9273, 35.3058
YIQ	197.7750, 30.9500, -10.2500

Conversions

Conversions Part 2

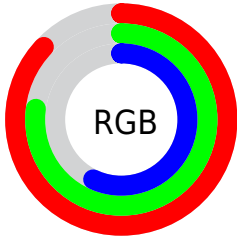
Format	Color
RYB	184, 221, 146
Decimal	14533778
CIELab	80.14, 1.64, 28.35
CIElCh	80, 28.402, 86.693
Yxy	56.9273, 0.3725, 0.3873
Android (android.graphics.Color)	4292723858 (0xFFDDC492)
YUV	197.7750, -25.5251, 20.3683
Hunter-Lab	75.4502, -2.5058, 25.0712

Details

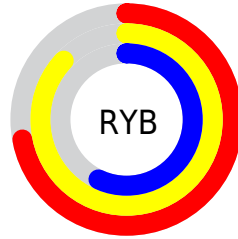
The Yxy color **56.9273, 0.3725, 0.3873** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4761, 0.2562, 0.2626**, and the grayscale version is **56.4753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6807, 0.3458, 0.3812**, and **28.1716, 0.3880, 0.4010** is the 20% darker color. If you saturate the color by 10%, you get **53.0622, 0.3931, 0.4044**, and if you desaturate by 10%, it is **61.0941, 0.3530, 0.3697**.

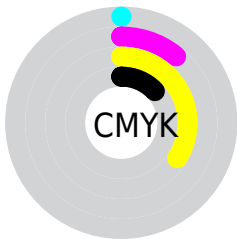
Distribution



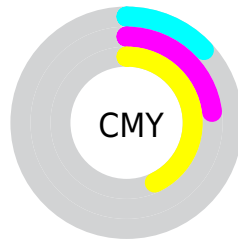
- Red (87%)
- Green (77%)
- Blue (57%)



- Red (72%)
- Yellow (87%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9273, 0.3725, 0.3873 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 56.9273, 0.3725, 0.3873 by changing the saturation by 10% instead.


 56.9273, 0.3725,
0.3873

 56.9273, 0.3725,
0.3873


413.1768, 0.3438,
0.3595

 40.9469, 0.3792,
0.3937


 100.3591, 0.3624,
0.3776

 28.2776, 0.3875,
0.4017


 128.5793, 0.3585,
0.3738

 18.5350, 0.3981,
0.4117


161.6481, 0.3552,
0.3706

 11.3348, 0.4119,
0.4247

199.9501, 0.3523,
0.3678

 6.2925, 0.4302,
0.4416

243.8696, 0.3498,
0.3653

 3.0237, 0.4609,
0.4699

293.7909, 0.3476,

 1.1441, 0.4981,

0.3632

0.5019

350.0985, 0.3456,
0.3613

0.0154, 0.7805,
0.2195

0.0000, 0.0000,
0.0000

56.9273, 0.3725,
0.3873

56.9273, 0.3725,
0.3873

53.0622, 0.3931,
0.4044

61.0941, 0.3530,
0.3697

49.4809, 0.4143,
0.4201

65.5641, 0.3351,
0.3522

46.1752, 0.4352,
0.4334

70.3486, 0.3187,
0.3354

43.1331, 0.4550,
0.4429

75.4561, 0.3040,
0.3195

40.3412, 0.4725,
0.4479

80.7954, 0.2917,
0.3061

37.7835, 0.4869,
0.4477

85.0544, 0.2919,
0.3138

36.3307, 0.4944,
0.4457

89.4899, 0.2921,
0.3214

94.1038, 0.2923,
0.3289

94.1146, 0.2923,
0.3289

Harmonies

Analogous

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



56.9273, 0.3866, 0.3641



56.9273, 0.3725, 0.3873



56.9273, 0.3425, 0.3958

Triad

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



56.9273, 0.3725, 0.3873



56.9273, 0.2499, 0.3178



56.9273, 0.3165, 0.2817

Complementary

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



56.9273, 0.3725, 0.3873



40.4761, 0.2562, 0.2626

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.



56.9273, 0.2806, 0.2695



56.9273, 0.3725, 0.3873



56.9273, 0.2439, 0.2879

Square

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



56.9273, 0.3725, 0.3873



56.9273, 0.2720, 0.3539



56.9273, 0.2547, 0.2712



56.9273, 0.3534, 0.3048

Rectangle

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



56.9273, 0.3725, 0.3873



56.9273, 0.3180, 0.3901



56.9273, 0.2547, 0.2712



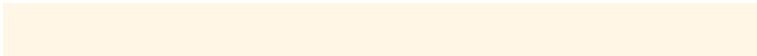
56.9273, 0.3039, 0.2763

Sweetspot

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



56.9299, 0.3725, 0.3873



93.1571, 0.3286, 0.3456



38.9290, 0.3641, 0.2979



19.7413, 0.3309, 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.



56.9299, 0.3725, 0.3873



74.7271, 0.3876, 0.4001



67.4646, 0.3548, 0.4159



14.4939, 0.3275, 0.3445



21.3181, 0.4929, 0.4468



1.5371, 0.4779, 0.4587

Inverse Universe

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



40.4761, 0.2562, 0.2626



48.5820, 0.2429, 0.2452



32.9823, 0.2606, 0.2305



13.3234, 0.2981, 0.3130



6.0433, 0.1636, 0.1088



0.5470, 0.1727, 0.1418

Previews

White Background



This preview shows how the Yxy color 56.9273, 0.3725, 0.3873 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 56.9273, 0.3725, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

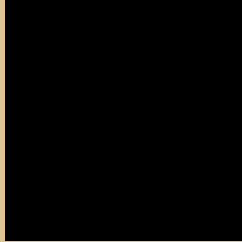
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9273, 0.3725, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 56.9273, 0.3725, 0.3873.



This preview shows how white text looks on a background with the Yxy color 56.9273, 0.3725, 0.3873.

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

56.9273, 0.3725, 0.3873

Protanopia

57.0996, 0.3638, 0.3909

Deuteranopia

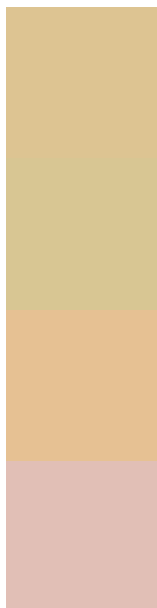
57.0304, 0.3858, 0.3783



Tritanopia

56.6091, 0.3334, 0.3123

Trichromacy



Original Color

56.9273, 0.3725, 0.3873

Protanomaly

57.0937, 0.3667, 0.3893

Deuteranomaly

57.0695, 0.3807, 0.3813

Tritanomaly

56.6466, 0.3483, 0.3394

Monochromacy



Original Color

56.9273, 0.3725, 0.3873

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3090, 0.3336, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9273, 0.3725, 0.3873 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(221, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 146)  
}
```

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(221, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 146) }
```

Border

The CSS property to change the border of an element to Yxy 56.9273, 0.3725, 0.3873 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(221, 196, 146) }
```

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

```
.border{ border-color:rgb(221, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 196, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 196, 146); box-shadow:4px 4px 4px 4px rgb(221, 196, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9273, 0.3725, 0.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 146) }
```

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

```
.background{ background-color: rgb(221,  
196, 146) }
```

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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