

Converting Colors

Yxy(56.8467, 0.3489, 0.3699)

Have a look what the booklet for
Yxy(56.8467, 0.3489, 0.3699)
contains.

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Color

Yxy(56.9174, 0.3492, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	D3C6A4
RGB	211, 198, 164
RGB Percent	83%, 78%, 64%
CMY	0.1725, 0.2235, 0.3568
CMYK	0.00, 0.06, 0.22, 0.17
HSL	43°, 35%, 74%
HSV	43°, 22%, 83%
XYZ	53.7613, 56.9174, 43.2769
YIQ	198.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

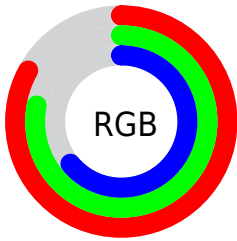
Format	Color
RYB	182, 211, 164
Decimal	13878948
CIELab	80.13, -0.86, 18.70
CIELCh	80, 18.718, 92.640
Yxy	56.9174, 0.3492, 0.3697
Android (android.graphics.Color)	4292069028 (0xFFD3C6A4)
YUV	198.0110, -16.7674, 11.3914
Hunter-Lab	75.4436, -4.8268, 18.7999

Details

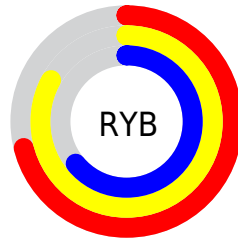
The Yxy color **56.9174, 0.3492, 0.3697** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.0470, 0.2766, 0.2847**, and the grayscale version is **56.5766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **28.1843, 0.3588, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **53.6012, 0.3676, 0.3886**, and if you desaturate by 10%, it is **60.4682, 0.3320, 0.3510**.

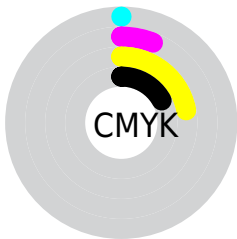
Distribution



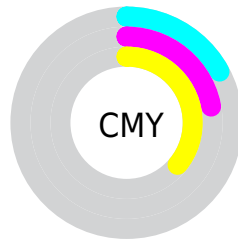
- Red (83%)
- Green (78%)
- Blue (64%)



- Red (71%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9174, 0.3492, 0.3697 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 56.9174, 0.3492, 0.3697 by changing the saturation by 10% instead.

■ 56.9174, 0.3492,
0.3697

■ 56.9174, 0.3492,
0.3697

■ 413.1397, 0.3316,
0.3500

■ 40.9389, 0.3534,
0.3744

■ 100.3447, 0.3430,
0.3627

■ 28.2714, 0.3586,
0.3803

■ 128.5622, 0.3406,
0.3600

■ 18.5303, 0.3653,
0.3879

■ 161.6283, 0.3386,
0.3578

■ 11.3314, 0.3743,
0.3981

■ 199.9272, 0.3368,
0.3558

■ 6.2902, 0.3868,
0.4123

■ 243.8434, 0.3353,
0.3541

■ 3.0223, 0.4050,
0.4333

■ 293.7613, 0.3339,

■ 1.1434, 0.4815,

0.3526

0.5185

350.0653, 0.3327,
0.3512

0.0147, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9174, 0.3492,
0.3697

56.9174, 0.3492,
0.3697

53.6012, 0.3676,
0.3886

60.4682, 0.3320,
0.3510

50.5045, 0.3868,
0.4071

64.2527, 0.3161,
0.3330

47.6219, 0.4064,
0.4242

68.2802, 0.3017,
0.3159

44.9448, 0.4254,
0.4389

72.5568, 0.2887,
0.3000

■ 42.4637, 0.4431,
0.4502

■ 76.1183, 0.2852,
0.2996

■ 40.1679, 0.4586,
0.4571

■ 79.3710, 0.2855,
0.3059

■ 38.0445, 0.4711,
0.4591

■ 82.7331, 0.2858,
0.3121

■ 36.5063, 0.4790,
0.4578

■ 86.2057, 0.2861,
0.3183

■ 89.7898, 0.2864,
0.3244

Harmonies

Analogous

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



56.9174, 0.3605, 0.3566



56.9174, 0.3492, 0.3697



56.9174, 0.3282, 0.3718

Triad

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



56.9174, 0.3492, 0.3697



56.9174, 0.2689, 0.3178



56.9174, 0.3205, 0.2997

Complementary

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



56.9174, 0.3492, 0.3697



44.0470, 0.2766, 0.2847

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.



56.9174, 0.2960, 0.2897



56.9174, 0.3492, 0.3697



56.9174, 0.2670, 0.2991

Square

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



56.9174, 0.3492, 0.3697



56.9174, 0.2821, 0.3409



56.9174, 0.2767, 0.2893



56.9174, 0.3437, 0.3168

Rectangle

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



56.9174, 0.3492, 0.3697



56.9174, 0.3118, 0.3661



56.9174, 0.2767, 0.2893



56.9174, 0.3121, 0.2954

Sweetspot

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



56.9200, 0.3492, 0.3697



95.7917, 0.3236, 0.3415



43.5909, 0.3453, 0.3128



20.4276, 0.3245, 0.3426



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.



56.9200, 0.3492, 0.3697



84.7712, 0.3583, 0.3792



61.6675, 0.3380, 0.3857



13.2213, 0.3273, 0.3457



22.2089, 0.4779, 0.4587



1.3712, 0.4648, 0.4692

Inverse Universe

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



44.0470, 0.2766, 0.2847



61.4384, 0.2677, 0.2731



40.2775, 0.2836, 0.2686



11.9427, 0.2982, 0.3117



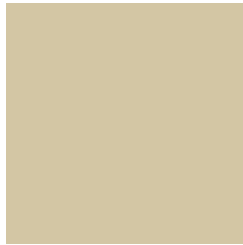
4.8377, 0.1599, 0.0955



0.4048, 0.1702, 0.1325

Previews

White Background



This preview shows how the Yxy color 56.9174, 0.3492, 0.3697 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 56.9174, 0.3492, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

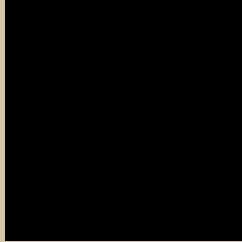
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

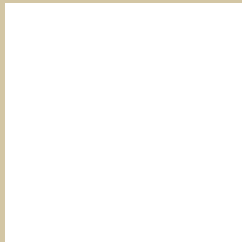
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9174, 0.3492, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 56.9174, 0.3492, 0.3697.

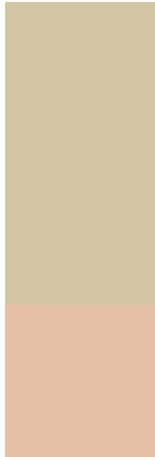


This preview shows how white text looks on a background with the Yxy color 56.9174, 0.3492, 0.3697.

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

56.9174, 0.3492, 0.3697

Protanopia

56.7701, 0.3483, 0.3698

Deuteranopia

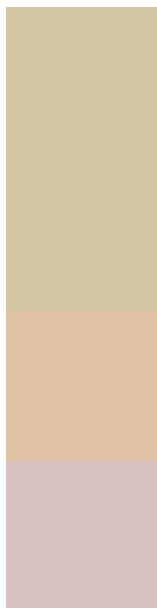
56.8012, 0.3666, 0.3587



Tritanopia

56.8032, 0.3208, 0.3118

Trichromacy



Original Color

56.9174, 0.3492, 0.3697

Protanomaly

56.7701, 0.3483, 0.3698

Deuteranomaly

56.9882, 0.3597, 0.3627

Tritanomaly

56.6413, 0.3313, 0.3326

Monochromacy



Original Color

56.9174, 0.3492, 0.3697

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6298, 0.3256, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9174, 0.3492, 0.3697 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(211, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 164)  
}
```

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(211, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 164) }
```

Border

The CSS property to change the border of an element to Yxy 56.9174, 0.3492, 0.3697 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(211, 198, 164) }
```

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

```
.border{ border-color:rgb(211, 198, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 198, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9174, 0.3492, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 164) }
```

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

```
.background{ background-color: rgb(211,  
198, 164) }
```

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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