

Converting Colors

$Yxy(55.9367, 0.3719, 0.3972)$

Have a look what the booklet for
Yxy(55.9367, 0.3719, 0.3972)
contains.

Yxy(56.0927, 0.3715, 0.3980)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.0927, 0.3715, 0.3980)

Conversions

Conversions Part 1

Format	Color
Hex	D6C58B
RGB	214, 197, 139
RGB Percent	84%, 77%, 55%
CMY	0.1608, 0.2274, 0.4550
CMYK	0.00, 0.08, 0.35, 0.16
HSL	46°, 48%, 69%
HSV	46°, 35%, 84%
XYZ	52.3579, 56.0927, 32.4858
YIQ	195.4710, 28.7500, -14.4340

Conversions

Conversions Part 2

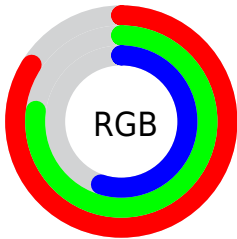
Format	Color
RYB	161, 214, 139
Decimal	14075275
CIELab	79.67, -2.48, 31.30
CIElCh	80, 31.399, 94.532
Yxy	56.0927, 0.3715, 0.3980
Android (android.graphics.Color)	4292265355 (0xFFD6C58B)
YUV	195.4710, -27.8402, 16.2499
Hunter-Lab	74.8951, -6.2800, 26.7094

Details

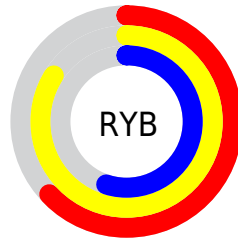
The Yxy color **56.0927, 0.3715, 0.3980** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1135, 0.2528, 0.2487**, and the grayscale version is **55.0263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9939, 0.3498, 0.3891**, and **27.6186, 0.3862, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **53.3627, 0.3898, 0.4172**, and if you desaturate by 10%, it is **59.0211, 0.3535, 0.3780**.

Distribution



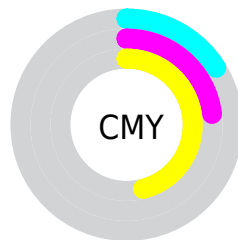
- Red (84%)
- Green (77%)
- Blue (55%)



- Red (63%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (16%)




- Cyan (16%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0927, 0.3715, 0.3980 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 56.0927, 0.3715, 0.3980 by changing the saturation by 10% instead.


 56.0927, 0.3715,
0.3980

 56.0927, 0.3715,
0.3980


410.0408, 0.3435,
0.3648


 40.2773, 0.3780,
0.4058


 99.1401, 0.3617,
0.3863

 27.7548, 0.3859,
0.4154


 127.1408, 0.3579,
0.3818

 18.1409, 0.3959,
0.4277


 159.9721, 0.3547,
0.3779

 11.0512, 0.4086,
0.4436

198.0184, 0.3518,
0.3746

 6.1013, 0.4250,
0.4645

241.6640, 0.3494,
0.3717

 2.9068, 0.4600,
0.5082

291.2933, 0.3472,

 1.0832, 0.4703,

0.3691

0.5297

347.2908, 0.3452,
0.3668

■ 0.0000, 0.0000,
0.0000

■ 56.0927, 0.3715,
0.3980

■ 56.0927, 0.3715,
0.3980

■ 53.3627, 0.3898,
0.4172

■ 59.0211, 0.3535,
0.3780

■ 50.8157, 0.4079,
0.4347

■ 62.1475, 0.3364,
0.3580

■ 48.4454, 0.4250,
0.4493

■ 65.4811, 0.3203,
0.3385

■ 46.2425, 0.4402,
0.4602

■ 69.0285, 0.3056,
0.3200

■ 44.1958, 0.4528,
0.4666

■ 72.7955, 0.2921,
0.3026

42.2920, 0.4625,
0.4682

75.9643, 0.2870,
0.2986

41.3924, 0.4665,
0.4678

78.6406, 0.2872,
0.3038

81.3921, 0.2874,
0.3090

84.2194, 0.2877,
0.3141

Harmonies

Analogous

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



56.0927, 0.3928, 0.3752



56.0927, 0.3715, 0.3980



56.0927, 0.3350, 0.4024

Triad

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



56.0927, 0.3715, 0.3980



56.0927, 0.2398, 0.3064



56.0927, 0.3279, 0.2826

Complementary

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



56.0927, 0.3715, 0.3980



34.1135, 0.2528, 0.2487

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.



56.0927, 0.2866, 0.2656



56.0927, 0.3715, 0.3980



56.0927, 0.2381, 0.2768

Square

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



56.0927, 0.3715, 0.3980



56.0927, 0.2596, 0.3462



56.0927, 0.2546, 0.2631



56.0927, 0.3671, 0.3102

Rectangle

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



56.0927, 0.3715, 0.3980



56.0927, 0.3075, 0.3920



56.0927, 0.2546, 0.2631



56.0927, 0.3137, 0.2755

Sweetspot

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



56.0953, 0.3715, 0.3980



94.3348, 0.3299, 0.3502



35.1737, 0.3760, 0.3075



20.0478, 0.3321, 0.3529



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.



56.0953, 0.3715, 0.3980



80.3967, 0.3850, 0.4123



61.4284, 0.3491, 0.4208



14.0204, 0.3272, 0.3469



25.1806, 0.4657, 0.4684



1.6384, 0.4561, 0.4761

Inverse Universe

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



34.1135, 0.2528, 0.2487



43.0757, 0.2387, 0.2283



30.6850, 0.2661, 0.2290



12.4607, 0.2982, 0.3104



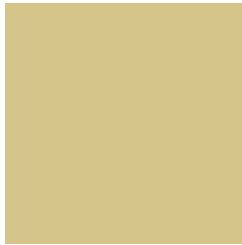
4.3669, 0.1570, 0.0851



0.3902, 0.1661, 0.1181

Previews

White Background



This preview shows how the Yxy color 56.0927, 0.3715, 0.3980 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 56.0927, 0.3715, 0.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

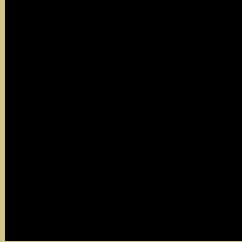
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0927, 0.3715, 0.3980

Background



This preview shows how black text looks on a background with the Yxy color 56.0927, 0.3715, 0.3980.



This preview shows how white text looks on a background with the Yxy color 56.0927, 0.3715, 0.3980.

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

56.0927, 0.3715, 0.3980

Protanopia

55.9427, 0.3706, 0.3982

Deuteranopia

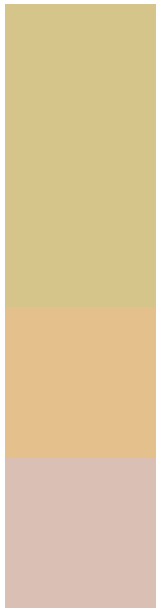
55.9804, 0.3916, 0.3828



Tritanopia

56.0791, 0.3283, 0.3131

Trichromacy



Original Color

56.0927, 0.3715, 0.3980

Protanomaly

55.9427, 0.3706, 0.3982

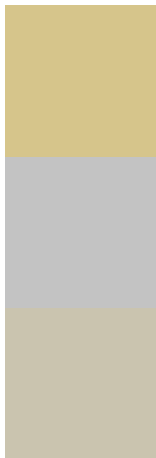
Deuteranomaly

55.9236, 0.3841, 0.3887

Tritanomaly

55.9000, 0.3437, 0.3431

Monochromacy



Original Color

56.0927, 0.3715, 0.3980

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1316, 0.3335, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0927, 0.3715, 0.3980 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(214, 197, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 197, 139)  
}
```

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(214, 197, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 197, 139) }
```

Border

The CSS property to change the border of an element to Yxy 56.0927, 0.3715, 0.3980 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(214, 197, 139) }
```

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

```
.border{ border-color:rgb(214, 197, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 197, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 197, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 197, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 197,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0927, 0.3715, 0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 197, 139) }
```

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

```
.background{ background-color: rgb(214,  
197, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor