

Converting Colors

Yxy(56.3351, 0.3475, 0.3699)

Have a look what the booklet for
Yxy(56.3351, 0.3475, 0.3699)
contains.

Yxy(56.6238, 0.3475, 0.3699)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6238, 0.3475, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	D1C6A4
RGB	209, 198, 164
RGB Percent	82%, 78%, 64%
CMY	0.1803, 0.2235, 0.3568
CMYK	0.00, 0.05, 0.22, 0.18
HSL	45°, 33%, 73%
HSV	45°, 22%, 82%
XYZ	53.1948, 56.6238, 43.2600
YIQ	197.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

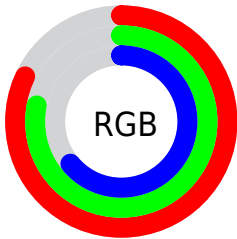
Format	Color
R _Y B	179, 209, 164
Decimal	13747876
CIE Lab	79.97, -1.61, 18.43
CIE LCh	80, 18.501, 94.980
Yxy	56.6238, 0.3475, 0.3699
Android (android.graphics.Color)	4291937956 (0xFFD1C6A4)
YUV	197.4130, -16.4726, 10.1618
Hunter-Lab	75.2488, -5.5002, 18.5887

Details

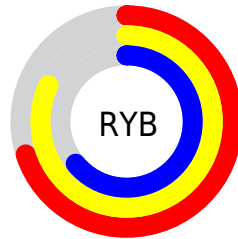
The Yxy color **56.6238, 0.3475, 0.3699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1781, 0.2778, 0.2845**, and the grayscale version is **56.1947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **27.9864, 0.3565, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **53.6309, 0.3654, 0.3895**, and if you desaturate by 10%, it is **59.8250, 0.3306, 0.3505**.

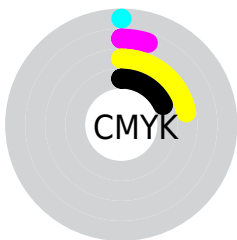
Distribution



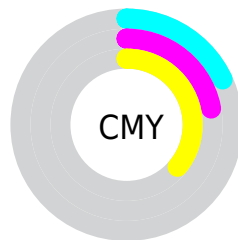
- Red (82%)
- Green (78%)
- Blue (64%)



- Red (70%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (18%)




- Cyan (18%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6238, 0.3475, 0.3699 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 56.6238, 0.3475, 0.3699 by changing the saturation by 10% instead.

 56.6238, 0.3475,
0.3699


 56.6238, 0.3475,
0.3699


412.0381, 0.3308,
0.3501

 40.7033, 0.3515,
0.3746


 99.9161, 0.3416,
0.3629

 28.0873, 0.3565,
0.3806


 128.0566, 0.3393,
0.3602

 18.3915, 0.3629,
0.3883


161.0392, 0.3374,
0.3579

 11.2314, 0.3714,
0.3987

199.2484, 0.3357,
0.3559

 6.2227, 0.3833,
0.4133

243.0685, 0.3342,
0.3542

 2.9810, 0.4007,
0.4349

292.8839, 0.3329,

 1.1218, 0.4765,

0.3526

0.5235

349.0790, 0.3318,
0.3513

0.0000, 0.0000,
0.0000

56.6238, 0.3475,
0.3699

56.6238, 0.3475,
0.3699

53.6309, 0.3654,
0.3895

59.8250, 0.3306,
0.3505

50.8319, 0.3840,
0.4087

63.2333, 0.3150,
0.3318

48.2220, 0.4027,
0.4266

66.8572, 0.3007,
0.3141

45.7932, 0.4208,
0.4420

70.7026, 0.2878,
0.2975

43.5365, 0.4374,
0.4541

73.8721, 0.2837,
0.2956

■ 41.4421, 0.4517,
0.4619

■ 76.6590, 0.2840,
0.3012

■ 39.4979, 0.4632,
0.4649

■ 79.5295, 0.2843,
0.3067

■ 37.9508, 0.4709,
0.4643

■ 82.4842, 0.2846,
0.3121

■ 85.5238, 0.2849,
0.3176

Harmonies

Analogous

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



56.6238, 0.3596, 0.3577



56.6238, 0.3475, 0.3699



56.6238, 0.3262, 0.3710

Triad

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



56.6238, 0.3475, 0.3699



56.6238, 0.2688, 0.3163



56.6238, 0.3224, 0.3011

Complementary

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



56.6238, 0.3475, 0.3699



43.1781, 0.2778, 0.2845

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.



56.6238, 0.2979, 0.2905



56.6238, 0.3475, 0.3699



56.6238, 0.2678, 0.2983

Square

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



56.6238, 0.3475, 0.3699



56.6238, 0.2810, 0.3390



56.6238, 0.2782, 0.2893



56.6238, 0.3449, 0.3184

Rectangle

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



56.6238, 0.3475, 0.3699



56.6238, 0.3099, 0.3647



56.6238, 0.2782, 0.2893



56.6238, 0.3141, 0.2967

Sweetspot

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



56.6263, 0.3475, 0.3699



96.6857, 0.3219, 0.3402



43.2246, 0.3453, 0.3152



20.6191, 0.3230, 0.3414



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.



56.6263, 0.3475, 0.3699



86.5141, 0.3559, 0.3793



60.2653, 0.3359, 0.3839



13.2866, 0.3272, 0.3465



23.5565, 0.4700, 0.4650



1.4372, 0.4588, 0.4739

Inverse Universe

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



43.1781, 0.2778, 0.2845



61.6341, 0.2693, 0.2731



40.3109, 0.2860, 0.2711



11.8813, 0.2982, 0.3109



4.4397, 0.1580, 0.0888



0.3756, 0.1681, 0.1250

Previews

White Background



This preview shows how the Yxy color 56.6238, 0.3475, 0.3699 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 56.6238, 0.3475, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

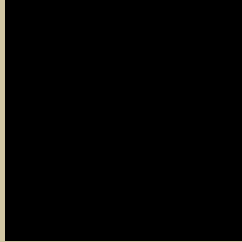
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

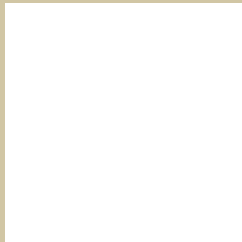
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6238, 0.3475, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 56.6238, 0.3475, 0.3699.



This preview shows how white text looks on a background with the Yxy color 56.6238, 0.3475, 0.3699.

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

56.6238, 0.3475, 0.3699

Protanopia

56.7701, 0.3483, 0.3698

Deuteranopia

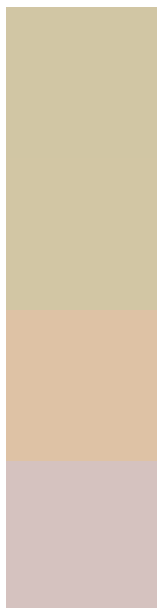
56.6362, 0.3657, 0.3588



Tritanopia

56.6513, 0.3200, 0.3118

Trichromacy



Original Color

56.6238, 0.3475, 0.3699

Protanomaly

56.7701, 0.3483, 0.3698

Deuteranomaly

56.8298, 0.3588, 0.3628

Tritanomaly

56.4913, 0.3305, 0.3326

Monochromacy



Original Color

56.6238, 0.3475, 0.3699

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8528, 0.3249, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6238, 0.3475, 0.3699 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(209, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 164) }
```

Border

The CSS property to change the border of an element to Yxy 56.6238, 0.3475, 0.3699 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(209, 198, 164) }
```

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

```
.border{ border-color:rgb(209, 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(209, 198, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6238, 0.3475, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 164) }
```

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

```
.background{ background-color: rgb(209,  
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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