

Converting Colors

Yxy(56.5155, 0.3532, 0.3683)

Have a look what the booklet for
Yxy(56.5155, 0.3532, 0.3683)
contains.

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Color

Yxy(56.4203, 0.3530, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4A3
RGB	214, 196, 163
RGB Percent	84%, 77%, 64%
CMY	0.1609, 0.2313, 0.3607
CMYK	0.00, 0.08, 0.24, 0.16
HSL	39°, 38%, 74%
HSV	39°, 24%, 84%
XYZ	54.0765, 56.4203, 42.6944
YIQ	197.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

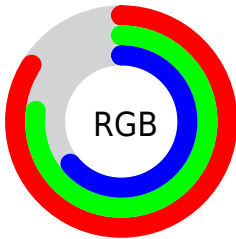
Format	Color
R_{YB}	191, 214, 163
Decimal	14075043
CIE Lab	79.85, 1.15, 18.88
CIE LCh	80, 18.912, 86.501
Yxy	56.4203, 0.3530, 0.3683
Android (android.graphics.Color)	4292265123 (0xFFD6C4A3)
YUV	197.6200, -17.0677, 14.3653
Hunter-Lab	75.1134, -2.9409, 18.8791

Details

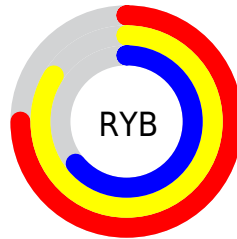
The Yxy color **56.4203, 0.3530, 0.3683** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6751, 0.2743, 0.2863**, and the grayscale version is **56.3248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5725, 0.3348, 0.3632**, and **27.8646, 0.3641, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **52.4029, 0.3727, 0.3855**, and if you desaturate by 10%, it is **60.7435, 0.3349, 0.3513**.

Distribution



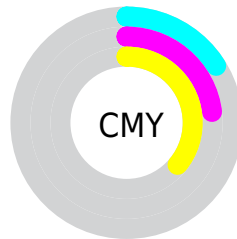
- Red (84%)
- Green (77%)
- Blue (64%)



- Red (75%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4203, 0.3530, 0.3683 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 56.4203, 0.3530, 0.3683 by changing the saturation by 10% instead.


 56.4203, 0.3530,
0.3683


 56.4203, 0.3530,
0.3683


411.2735, 0.3335,
0.3494

 40.5400, 0.3576,
0.3728


 99.6188, 0.3461,
0.3616

 27.9598, 0.3635,
0.3784


 127.7059, 0.3434,
0.3590

 18.2954, 0.3710,
0.3856


160.6306, 0.3412,
0.3568

 11.1623, 0.3811,
0.3953

198.7774, 0.3392,
0.3550

 6.1761, 0.3952,
0.4086

242.5307, 0.3375,
0.3533

 2.9524, 0.4159,
0.4279

292.2749, 0.3360,

 1.1070, 0.4950,

0.3518

0.5050

348.3944, 0.3347,
0.3505

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4203, 0.3530,
0.3683

56.4203, 0.3530,
0.3683

52.4029, 0.3727,
0.3855

60.7435, 0.3349,
0.3513

48.6747, 0.3936,
0.4022

65.3733, 0.3185,
0.3350

45.2286, 0.4153,
0.4175

70.3204, 0.3038,
0.3196

42.0541, 0.4369,
0.4304

75.5924, 0.2907,
0.3052

■ 39.1398, 0.4575,
0.4397

■ 80.1930, 0.2873,
0.3067

■ 36.4729, 0.4758,
0.4444

■ 84.5707, 0.2877,
0.3147

■ 34.0383, 0.4912,
0.4440

■ 89.1332, 0.2880,
0.3226

■ 32.6348, 0.4994,
0.4417

■ 93.0317, 0.2883,
0.3289

Harmonies

Analogous

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



56.4203, 0.3619, 0.3533



56.4203, 0.3530, 0.3683



56.4203, 0.3333, 0.3730

Triad

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



56.4203, 0.3530, 0.3683



56.4203, 0.2702, 0.3223



56.4203, 0.3154, 0.2966

Complementary

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



56.4203, 0.3530, 0.3683



45.6751, 0.2743, 0.2863

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.



56.4203, 0.2911, 0.2883



56.4203, 0.3530, 0.3683



56.4203, 0.2658, 0.3020

Square

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



56.4203, 0.3530, 0.3683



56.4203, 0.2856, 0.3458



56.4203, 0.2733, 0.2900



56.4203, 0.3398, 0.3126

Rectangle

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



56.4203, 0.3530, 0.3683



56.4203, 0.3169, 0.3690



56.4203, 0.2733, 0.2900



56.4203, 0.3070, 0.2928

Sweetspot

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



56.4228, 0.3530, 0.3683



94.9557, 0.3237, 0.3402



43.8545, 0.3442, 0.3066



20.2337, 0.3247, 0.3412



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.



56.4228, 0.3530, 0.3683



80.6056, 0.3636, 0.3777



64.0137, 0.3431, 0.3892



13.7493, 0.3275, 0.3441



19.9339, 0.4979, 0.4429



1.3553, 0.4809, 0.4564

Inverse Universe

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



45.6751, 0.2743, 0.2863



61.7271, 0.2648, 0.2749



39.5758, 0.2778, 0.2632



12.7174, 0.2982, 0.3135



6.1872, 0.1650, 0.1139



0.5265, 0.1747, 0.1490

Previews

White Background



This preview shows how the Yxy color 56.4203, 0.3530, 0.3683 looks on a white background.

Color Contrast Check

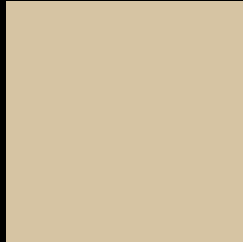
Large Text (above 18pt) WCAG AA × Fail

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 56.4203, 0.3530, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

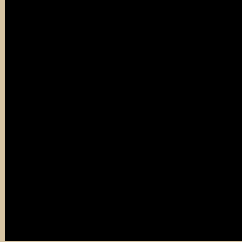
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4203, 0.3530, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 56.4203, 0.3530, 0.3683.



This preview shows how white text looks on a background with the Yxy color 56.4203, 0.3530, 0.3683.

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

56.4203, 0.3530, 0.3683

Protanopia

56.6238, 0.3475, 0.3699

Deuteranopia

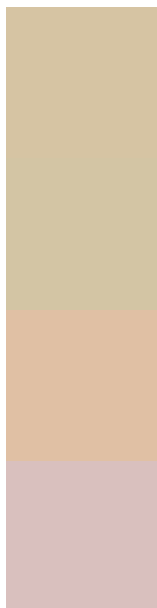
56.1653, 0.3669, 0.3588



Tritanopia

56.2948, 0.3250, 0.3119

Trichromacy



Original Color

56.4203, 0.3530, 0.3683

Protanomaly

56.4617, 0.3494, 0.3686

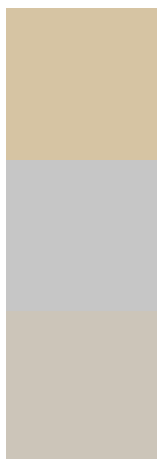
Deuteranomaly

56.2269, 0.3619, 0.3615

Tritanomaly

56.1687, 0.3349, 0.3314

Monochromacy



Original Color

56.4203, 0.3530, 0.3683

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2727, 0.3273, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4203, 0.3530, 0.3683 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, 196, 163) looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 163)  
}
```

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, 196, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 163) }
```

Border

The CSS property to change the border of an element to Yxy 56.4203, 0.3530, 0.3683 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, 196, 163) }
```

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

```
.border{ border-color:rgb(214, 196, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 196, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 196, 163); box-shadow:4px 4px 4px 4px rgb(214, 196, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4203, 0.3530, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 163) }
```

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

```
.background{ background-color: rgb(214,  
196, 163) }
```

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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