

Converting Colors

$Yxy(56.6813, 0.3411, 0.3592)$

Have a look what the booklet for
Yxy(56.6813, 0.3411, 0.3592)
contains.

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Color

Yxy(56.4664, 0.3415, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5AC
RGB	209, 197, 172
RGB Percent	82%, 77%, 67%
CMY	0.1803, 0.2275, 0.3254
CMYK	0.00, 0.06, 0.18, 0.18
HSL	40°, 29%, 75%
HSV	40°, 18%, 82%
XYZ	53.7139, 56.4664, 47.1078
YIQ	197.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

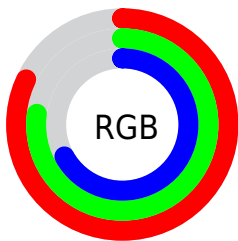
Format	Color
RYB	190, 209, 172
Decimal	13747628
CIELab	79.88, 0.11, 14.04
CIELCh	80, 14.042, 89.537
Yxy	56.4664, 0.3415, 0.3590
Android (android.graphics.Color)	4291937708 (0xFFD1C5AC)
YUV	197.7380, -12.6888, 9.8768
Hunter-Lab	75.1441, -3.9084, 15.4321

Details

The Yxy color **56.4664, 0.3415, 0.3590** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6799, 0.2846, 0.2971**, and the grayscale version is **56.3800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6897, 0.3293, 0.3552**, and **27.8710, 0.3485, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **52.7110, 0.3599, 0.3767**, and if you desaturate by 10%, it is **60.4922, 0.3246, 0.3417**.

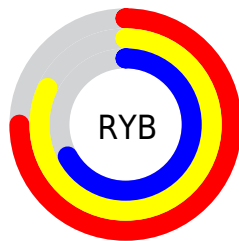
Distribution



Red (82%)

Green (77%)

Blue (67%)



Red (75%)

Yellow (82%)

Blue (67%)

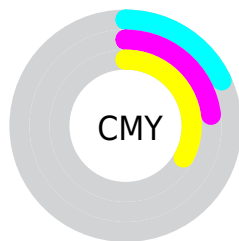


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (18%)



Cyan (18%)


Magenta (23%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4664, 0.3415, 0.3590 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 56.4664, 0.3415, 0.3590 by changing the saturation by 10% instead.


 56.4664, 0.3415,
0.3590

 56.4664, 0.3415,
0.3590


411.4468, 0.3276,
0.3445

 40.5770, 0.3448,
0.3625


 99.6862, 0.3365,
0.3538

 27.9887, 0.3490,
0.3668


127.7853, 0.3347,
0.3519

 18.3171, 0.3545,
0.3725


160.7232, 0.3330,
0.3502

 11.1779, 0.3618,
0.3801

198.8841, 0.3316,
0.3487

 6.1866, 0.3722,
0.3909

242.6526, 0.3304,
0.3475

 2.9589, 0.3879,
0.4073

292.4129, 0.3294,

 1.1103, 0.4452,

0.3464

0.4669

348.5495, 0.3284,
0.3454

0.0000, 0.0000,
0.0000

56.4664, 0.3415,
0.3590

56.4664, 0.3415,
0.3590

52.7110, 0.3599,
0.3767

60.4922, 0.3246,
0.3417

49.2109, 0.3796,
0.3944

64.7883, 0.3093,
0.3253

45.9603, 0.4002,
0.4113

69.3640, 0.2956,
0.3099

42.9505, 0.4211,
0.4263

74.1853, 0.2837,
0.2962

40.1717, 0.4413,
0.4385

77.9150, 0.2841,
0.3036

■ 37.6134, 0.4599,
0.4466

■ 81.7925, 0.2845,
0.3109

■ 35.2632, 0.4760,
0.4500

■ 85.8192, 0.2849,
0.3181

■ 33.1047, 0.4889,
0.4484

■ 89.9969, 0.2853,
0.3252

■ 32.6303, 0.4918,
0.4477

■ 92.2990, 0.2855,
0.3289

Harmonies

Analogous

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



56.4664, 0.3489, 0.3488



56.4664, 0.3415, 0.3590



56.4664, 0.3264, 0.3612

Triad

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



56.4664, 0.3415, 0.3590



56.4664, 0.2802, 0.3226



56.4664, 0.3168, 0.3056

Complementary

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



56.4664, 0.3415, 0.3590



47.6799, 0.2846, 0.2971

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.



56.4664, 0.2984, 0.2987



56.4664, 0.3415, 0.3590



56.4664, 0.2778, 0.3079

Square

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



56.4664, 0.3415, 0.3590



56.4664, 0.2911, 0.3397



56.4664, 0.2843, 0.2994



56.4664, 0.3344, 0.3183

Rectangle

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



56.4664, 0.3415, 0.3590



56.4664, 0.3141, 0.3575



56.4664, 0.2843, 0.2994



56.4664, 0.3105, 0.3026

Sweetspot

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



56.4689, 0.3415, 0.3590



96.5897, 0.3204, 0.3373



46.5478, 0.3357, 0.3141



20.5735, 0.3215, 0.3385



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.



56.4689, 0.3415, 0.3590



86.4097, 0.3478, 0.3652



61.2693, 0.3342, 0.3734



13.1227, 0.3274, 0.3446



20.2995, 0.4904, 0.4488



1.2760, 0.4742, 0.4616

Inverse Universe

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



47.6799, 0.2846, 0.2971



70.2893, 0.2786, 0.2899



43.6052, 0.2888, 0.2819



12.0363, 0.2982, 0.3129



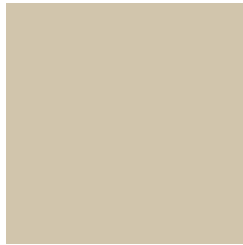
5.5435, 0.1631, 0.1070



0.4533, 0.1735, 0.1446

Previews

White Background



This preview shows how the Yxy color 56.4664, 0.3415, 0.3590 looks on a white background.

Color Contrast Check

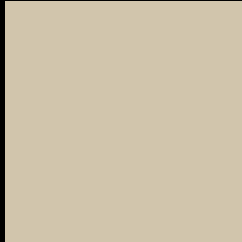
Large Text (above 18pt) WCAG AA × Fail

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 56.4664, 0.3415, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

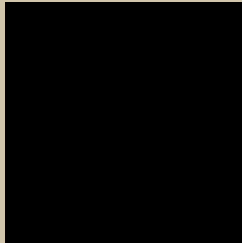
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

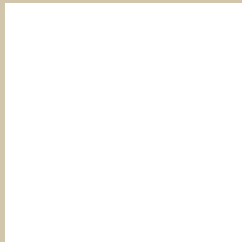
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4664, 0.3415, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 56.4664, 0.3415, 0.3590.



This preview shows how white text looks on a background with the Yxy color 56.4664, 0.3415, 0.3590.

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

56.4664, 0.3415, 0.3590

Protanopia

56.3210, 0.3407, 0.3591

Deuteranopia

56.4475, 0.3565, 0.3498



Tritanopia

56.5004, 0.3192, 0.3118

Trichromacy



Original Color

56.4664, 0.3415, 0.3590

Protanomaly

56.3210, 0.3407, 0.3591

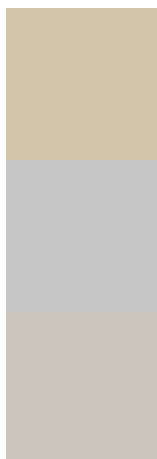
Deuteranomaly

56.3727, 0.3509, 0.3524

Tritanomaly

56.4757, 0.3273, 0.3290

Monochromacy



Original Color

56.4664, 0.3415, 0.3590

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6188, 0.3226, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4664, 0.3415, 0.3590 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, 197, 172)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 172)  
}
```

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, 197, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 172) }
```

Border

The CSS property to change the border of an element to Yxy 56.4664, 0.3415, 0.3590 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, 197, 172) }
```

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

```
.border{ border-color:rgb(209, 197, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 172);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4664, 0.3415, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 172) }
```

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

```
.background{ background-color: rgb(209,  
197, 172) }
```

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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