

Converting Colors

Yxy(57.1257, 0.3460, 0.3525)

Have a look what the booklet for
Yxy(57.1257, 0.3460, 0.3525)
contains.

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Color

Yxy(56.8771, 0.3463, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	D9C3AF
RGB	217, 195, 175
RGB Percent	85%, 76%, 69%
CMY	0.1489, 0.2353, 0.3137
CMYK	0.00, 0.10, 0.19, 0.15
HSL	29°, 36%, 77%
HSV	29°, 19%, 85%
XYZ	55.8767, 56.8771, 48.5997
YIQ	199.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

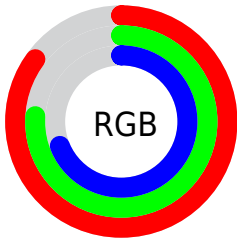
Format	Color
R _Y B	217, 213, 175
Decimal	14271407
CIE Lab	80.11, 4.59, 12.86
CIE LCh	80, 13.656, 70.361
Yxy	56.8771, 0.3463, 0.3525
Android (android.graphics.Color)	4292461487 (0xFFD9C3AF)
YUV	199.2980, -11.9789, 15.5247
Hunter-Lab	75.4169, 0.2718, 14.5846

Details

The Yxy color **56.8771, 0.3463, 0.3525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0867, 0.2824, 0.3043**, and the grayscale version is **57.3752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6503, 0.3271, 0.3494**, and **28.1612, 0.3551, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **51.1853, 0.3673, 0.3654**, and if you desaturate by 10%, it is **63.1001, 0.3278, 0.3400**.

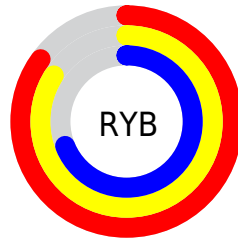
Distribution



Red (85%)

Green (76%)

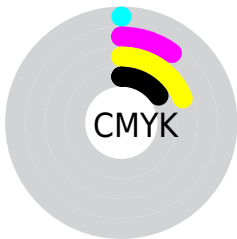
Blue (69%)



Red (85%)

Yellow (84%)

Blue (69%)

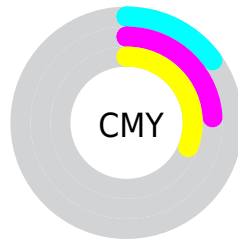


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8771, 0.3463, 0.3525 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 56.8771, 0.3463, 0.3525 by changing the saturation by 10% instead.


 56.8771, 0.3463,
0.3525

 56.8771, 0.3463,
0.3525


412.9886, 0.3300,
0.3413

 40.9066, 0.3502,
0.3551


 100.2858, 0.3405,
0.3486

 28.2461, 0.3552,
0.3584


128.4928, 0.3383,
0.3470

 18.5113, 0.3616,
0.3627


161.5475, 0.3364,
0.3457

 11.3177, 0.3703,
0.3683

199.8341, 0.3348,
0.3446

 6.2809, 0.3828,
0.3761

243.7371, 0.3333,
0.3436

 3.0166, 0.4018,
0.3875

293.6410, 0.3321,

 1.1404, 0.4556,

0.3428

349.9300, 0.3310,
0.3420

0.4252

0.0122, 0.9100,
0.0900

0.0000, 0.0000,
0.0000

56.8771, 0.3463,
0.3525

56.8771, 0.3463,
0.3525

51.1853, 0.3673,
0.3654

63.1001, 0.3278,
0.3400

46.0019, 0.3910,
0.3782

69.8611, 0.3118,
0.3283

41.3135, 0.4172,
0.3903

77.1764, 0.2978,
0.3173

37.1030, 0.4452,
0.4008

84.6116, 0.2895,
0.3140

■ 33.3522, 0.4739,
0.4082

■ 91.5465, 0.2899,
0.3258

■ 30.0414, 0.5019,
0.4114

■ 93.4967, 0.2900,
0.3289

■ 27.1482, 0.5270,
0.4094

■ 24.6426, 0.5482,
0.4024

■ 24.4933, 0.5495,
0.4019

Harmonies

Analogous

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



56.8771, 0.3474, 0.3393



56.8771, 0.3463, 0.3525



56.8771, 0.3360, 0.3599

Triad

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



56.8771, 0.3463, 0.3525



56.8771, 0.2871, 0.3335



56.8771, 0.3050, 0.3012

Complementary

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



56.8771, 0.3463, 0.3525



54.0867, 0.2824, 0.3043

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.



56.8771, 0.2894, 0.2991



56.8771, 0.3463, 0.3525



56.8771, 0.2793, 0.3171

Square

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



56.8771, 0.3463, 0.3525



56.8771, 0.3017, 0.3490



56.8771, 0.2801, 0.3047



56.8771, 0.3232, 0.3102

Rectangle

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



56.8771, 0.3463, 0.3525



56.8771, 0.3255, 0.3602



56.8771, 0.2801, 0.3047



56.8771, 0.2993, 0.2997

Sweetspot

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



56.8797, 0.3463, 0.3525



94.0390, 0.3223, 0.3361



49.4748, 0.3311, 0.3029



19.9931, 0.3234, 0.3369



0.0000, 0.0000, 0.0000



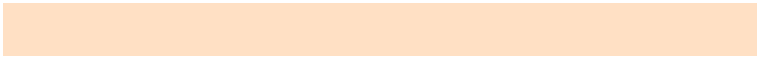
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.8797, 0.3463, 0.3525



78.6982, 0.3541, 0.3574



66.7761, 0.3420, 0.3755



14.0675, 0.3280, 0.3401



15.0307, 0.5472, 0.4037



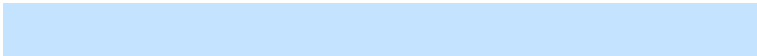
1.1455, 0.5210, 0.4245

Inverse Universe

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



54.0867, 0.2824, 0.3043



74.0048, 0.2762, 0.2988



45.3429, 0.2808, 0.2779



13.7420, 0.2982, 0.3176



10.5084, 0.1797, 0.1668



0.8530, 0.1876, 0.1953

Previews

White Background



This preview shows how the Yxy color 56.8771, 0.3463, 0.3525 looks on a white background.

Color Contrast Check

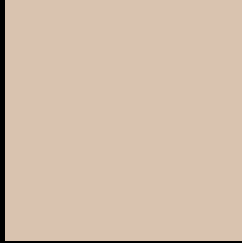
Large Text (above 18pt) WCAG AA × Fail

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 56.8771, 0.3463, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

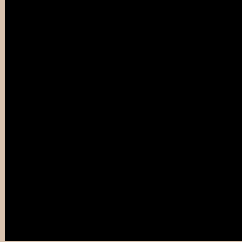
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

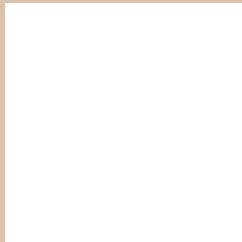
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8771, 0.3463, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 56.8771, 0.3463, 0.3525.



This preview shows how white text looks on a background with the Yxy color 56.8771, 0.3463, 0.3525.

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

56.8771, 0.3463, 0.3525

Protanopia

56.8279, 0.3358, 0.3543

Deuteranopia

56.5649, 0.3541, 0.3463



Tritanopia

57.0415, 0.3265, 0.3132

Trichromacy



Original Color

56.8771, 0.3463, 0.3525

Protanomaly

56.9160, 0.3400, 0.3540

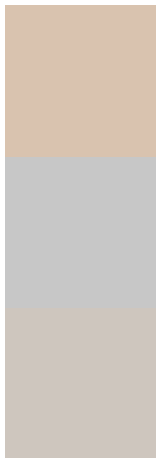
Deuteranomaly

56.5218, 0.3512, 0.3476

Tritanomaly

56.8100, 0.3342, 0.3268

Monochromacy



Original Color

56.8771, 0.3463, 0.3525

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2277, 0.3250, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8771, 0.3463, 0.3525 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(217, 195, 175)` looks like.

```
.text, #text, p{  
    color:rgb(217, 195, 175)  
}
```

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(217, 195, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 195, 175) }
```

Border

The CSS property to change the border of an element to Yxy 56.8771, 0.3463, 0.3525 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(217, 195, 175) }
```

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

```
.border{ border-color:rgb(217, 195, 175) }
```

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

Here you see how a box with a 4 pixel rgb(217, 195, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 195, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 195, 175);  
box-shadow:4px 4px 4px 4px rgb(217, 195,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8771, 0.3463, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 195, 175) }
```

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

```
.background{ background-color: rgb(217,  
195, 175) }
```

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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