

Converting Colors

Yxy(56.8611, 0.3377, 0.3517)

Have a look what the booklet for
Yxy(56.8611, 0.3377, 0.3517)
contains.

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Color

Yxy(56.8485, 0.3377, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	D2C5B2
RGB	210, 197, 178
RGB Percent	82%, 77%, 70%
CMY	0.1763, 0.2275, 0.3020
CMYK	0.00, 0.06, 0.15, 0.18
HSL	36°, 26%, 76%
HSV	36°, 15%, 82%
XYZ	54.5856, 56.8485, 50.2051
YIQ	198.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

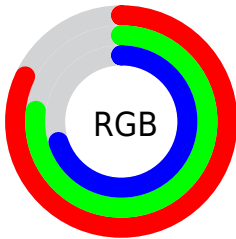
Format	Color
R _Y B	200, 210, 178
Decimal	13813170
CIE Lab	80.09, 1.41, 11.17
CIE LCh	80, 11.257, 82.817
Yxy	56.8485, 0.3377, 0.3517
Android (android.graphics.Color)	4292003250 (0xFFD2C5B2)
YUV	198.7210, -10.2155, 9.8917
Hunter-Lab	75.3979, -2.7185, 13.2992

Details

The Yxy color **56.8485, 0.3377, 0.3517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3868, 0.2888, 0.3052**, and the grayscale version is **56.9940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0841, 0.3251, 0.3484**, and **28.0942, 0.3443, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **52.3008, 0.3565, 0.3674**, and if you desaturate by 10%, it is **61.7502, 0.3208, 0.3366**.

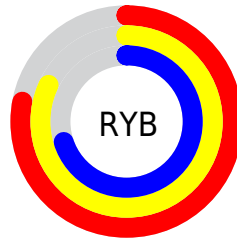
Distribution



Red (82%)

Green (77%)

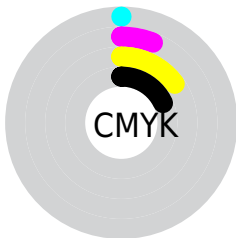
Blue (70%)



Red (78%)

Yellow (82%)

Blue (70%)

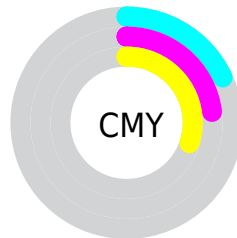


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (18%)



Cyan (18%)


Magenta (23%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8485, 0.3377, 0.3517 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 56.8485, 0.3377, 0.3517 by changing the saturation by 10% instead.

 56.8485, 0.3377,
0.3517

 56.8485, 0.3377,
0.3517

412.8814, 0.3256,
0.3408

 40.8836, 0.3406,
0.3543


 100.2441, 0.3334,
0.3478

 28.2282, 0.3443,
0.3576


128.4436, 0.3317,
0.3463

 18.4977, 0.3490,
0.3618


161.4901, 0.3303,
0.3451

 11.3079, 0.3555,
0.3676

199.7680, 0.3291,
0.3440

 6.2743, 0.3647,
0.3756

243.6617, 0.3281,
0.3430

 3.0126, 0.3788,
0.3879

293.5555, 0.3272,

 1.1383, 0.4164,

0.3422

0.4220

349.8340, 0.3263,
0.3414

0.0104, 0.8092,
0.1908

0.0000, 0.0000,
0.0000

56.8485, 0.3377,
0.3517

56.8485, 0.3377,
0.3517

52.3008, 0.3565,
0.3674

61.7502, 0.3208,
0.3366

48.0902, 0.3772,
0.3832

67.0075, 0.3058,
0.3224

44.2092, 0.3995,
0.3985

72.6314, 0.2926,
0.3091

40.6470, 0.4229,
0.4124

78.1713, 0.2848,
0.3039

■ 37.3923, 0.4465,
0.4238

■ 83.0752, 0.2852,
0.3130

■ 34.4324, 0.4693,
0.4315

■ 88.2157, 0.2857,
0.3219

■ 31.7533, 0.4899,
0.4344

■ 92.4464, 0.2861,
0.3289

■ 29.3386, 0.5072,
0.4320

■ 28.2746, 0.5146,
0.4296

Harmonies

Analogous

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



56.8485, 0.3419, 0.3425



56.8485, 0.3377, 0.3517



56.8485, 0.3268, 0.3549

Triad

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



56.8485, 0.3377, 0.3517



56.8485, 0.2880, 0.3270



56.8485, 0.3126, 0.3084

Complementary

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



56.8485, 0.3377, 0.3517



51.3868, 0.2888, 0.3052

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.



56.8485, 0.2984, 0.3042



56.8485, 0.3377, 0.3517



56.8485, 0.2844, 0.3145

Square

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



56.8485, 0.3377, 0.3517



56.8485, 0.2981, 0.3405



56.8485, 0.2881, 0.3063



56.8485, 0.3272, 0.3178

Rectangle

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



56.8485, 0.3377, 0.3517



56.8485, 0.3173, 0.3530



56.8485, 0.2881, 0.3063



56.8485, 0.3076, 0.3064

Sweetspot

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



56.8510, 0.3377, 0.3517



95.9417, 0.3205, 0.3363



49.3164, 0.3298, 0.3131



20.4158, 0.3216, 0.3374



0.0000, 0.0000, 0.0000



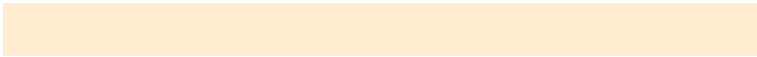
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8510, 0.3377, 0.3517



86.0505, 0.3430, 0.3563



62.6402, 0.3333, 0.3668



12.9575, 0.3276, 0.3428



17.4433, 0.5128, 0.4310



1.1291, 0.4912, 0.4482

Inverse Universe

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



51.3868, 0.2888, 0.3052



76.1493, 0.2840, 0.3001



46.2702, 0.2903, 0.2887



12.1959, 0.2982, 0.3148



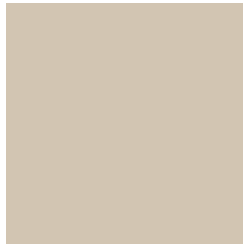
7.0273, 0.1693, 0.1295



0.5471, 0.1795, 0.1662

Previews

White Background



This preview shows how the Yxy color 56.8485, 0.3377, 0.3517 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 56.8485, 0.3377, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

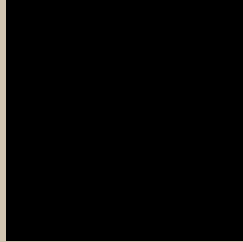
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

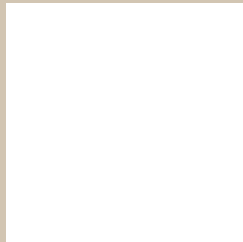
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8485, 0.3377, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 56.8485, 0.3377, 0.3517.

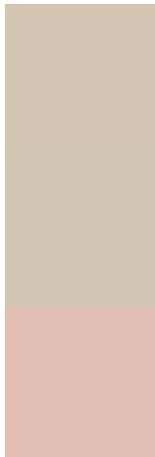


This preview shows how white text looks on a background with the Yxy color 56.8485, 0.3377, 0.3517.

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

56.8485, 0.3377, 0.3517

Protanopia

56.9082, 0.3342, 0.3518

Deuteranopia

56.9615, 0.3505, 0.3440



Tritanopia

56.9901, 0.3183, 0.3118

Trichromacy



Original Color

56.8485, 0.3377, 0.3517

Protanomaly

57.0527, 0.3351, 0.3518

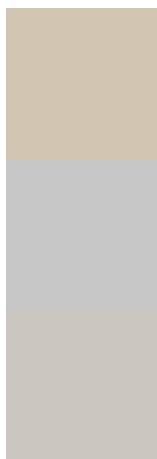
Deuteranomaly

57.0539, 0.3458, 0.3465

Tritanomaly

56.7609, 0.3258, 0.3255

Monochromacy



Original Color

56.8485, 0.3377, 0.3517

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8463, 0.3219, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8485, 0.3377, 0.3517 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(210, 197, 178)` looks like.

```
.text, #text, p{  
    color:rgb(210, 197, 178)  
}
```

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(210, 197, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 197, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.8485, 0.3377, 0.3517 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(210, 197, 178) }
```

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

```
.border{ border-color:rgb(210, 197, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 197, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 197, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 197, 178);  
box-shadow:4px 4px 4px 4px rgb(210, 197,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8485, 0.3377, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 197, 178) }
```

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

```
.background{ background-color: rgb(210,  
197, 178) }
```

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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