

Converting Colors

Yxy(57.0392, 0.3297, 0.3524)

Have a look what the booklet for
Yxy(57.0392, 0.3297, 0.3524)
contains.

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Color

Yxy(56.8386, 0.3300, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	CBC7B4
RGB	203, 199, 180
RGB Percent	80%, 78%, 71%
CMY	0.2040, 0.2196, 0.2941
CMYK	0.00, 0.02, 0.11, 0.20
HSL	50°, 18%, 75%
HSV	50°, 11%, 80%
XYZ	53.2862, 56.8386, 51.3485
YIQ	198.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

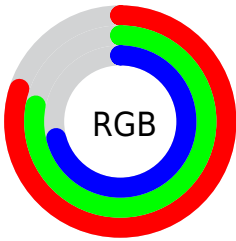
Format	Color
RYB	185, 203, 180
Decimal	13354932
CIELab	80.09, -1.89, 10.00
CIElCh	80, 10.173, 100.722
Yxy	56.8386, 0.3300, 0.3520
Android (android.graphics.Color)	4291545012 (0xFFCBC7B4)
YUV	198.0300, -8.8888, 4.3587
Hunter-Lab	75.3914, -5.7722, 12.3920

Details

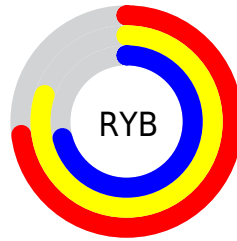
The Yxy color **56.8386, 0.3300, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2872, 0.2951, 0.3049**, and the grayscale version is **56.5422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **28.1727, 0.3350, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **54.4790, 0.3463, 0.3731**, and if you desaturate by 10%, it is **59.3615, 0.3147, 0.3316**.

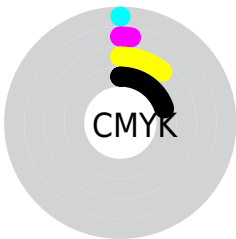
Distribution



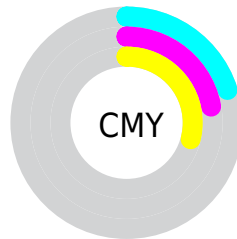
- Red (80%)
- Green (78%)
- Blue (71%)



- Red (73%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8386, 0.3300, 0.3520 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 56.8386, 0.3300, 0.3520 by changing the saturation by 10% instead.


 56.8386, 0.3300,
0.3520

 56.8386, 0.3300,
0.3520


412.8442, 0.3217,
0.3408

 40.8757, 0.3320,
0.3547


 100.2296, 0.3270,
0.3480

 28.2219, 0.3345,
0.3581


128.4266, 0.3259,
0.3465

 18.4930, 0.3378,
0.3625


161.4702, 0.3249,
0.3452

 11.3045, 0.3421,
0.3686

199.7451, 0.3241,
0.3441

 6.2721, 0.3484,
0.3772

243.6356, 0.3234,
0.3431

 3.0112, 0.3579,
0.3906

293.5260, 0.3227,

 1.1376, 0.3831,

0.3423

0.4241

349.8007, 0.3222,
0.3415

0.0098, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8386, 0.3300,
0.3520

56.8386, 0.3300,
0.3520

54.4790, 0.3463,
0.3731

59.3615, 0.3147,
0.3316

52.2697, 0.3633,
0.3943

62.0454, 0.3004,
0.3122

50.2073, 0.3805,
0.4149

64.8976, 0.2874,
0.2941

48.2856, 0.3974,
0.4340

67.5168, 0.2792,
0.2835

■ 46.4974, 0.4133,
0.4507

■ 69.2993, 0.2794,
0.2874

■ 44.8352, 0.4274,
0.4639

■ 71.1202, 0.2797,
0.2913

■ 43.2902, 0.4391,
0.4728

■ 72.9796, 0.2799,
0.2952

■ 41.8518, 0.4480,
0.4772

■ 74.8779, 0.2802,
0.2990

■ 40.6726, 0.4537,
0.4779

■ 76.8152, 0.2804,
0.3029

Harmonies

Analogous

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



56.8386, 0.3376, 0.3467



56.8386, 0.3300, 0.3520



56.8386, 0.3178, 0.3510

Triad

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



56.8386, 0.3300, 0.3520



56.8386, 0.2876, 0.3202



56.8386, 0.3207, 0.3150

Complementary

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



56.8386, 0.3300, 0.3520



48.2872, 0.2951, 0.3049

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.



56.8386, 0.3072, 0.3082



56.8386, 0.3300, 0.3520



56.8386, 0.2883, 0.3109

Square

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



56.8386, 0.3300, 0.3520



56.8386, 0.2935, 0.3322



56.8386, 0.2954, 0.3066



56.8386, 0.3322, 0.3254

Rectangle

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



56.8386, 0.3300, 0.3520



56.8386, 0.3088, 0.3467



56.8386, 0.2954, 0.3066



56.8386, 0.3162, 0.3122

Sweetspot

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



56.8411, 0.3300, 0.3520



98.6772, 0.3172, 0.3351



48.8109, 0.3293, 0.3239



21.0462, 0.3184, 0.3367



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.



56.8411, 0.3300, 0.3520



94.0403, 0.3346, 0.3580



57.6927, 0.3236, 0.3571



12.7542, 0.3270, 0.3480



26.0086, 0.4532, 0.4784



1.4309, 0.4455, 0.4845

Inverse Universe

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



48.2872, 0.2951, 0.3049



76.4283, 0.2903, 0.2982



47.5591, 0.3010, 0.3003



11.1519, 0.2982, 0.3092



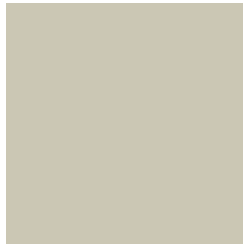
3.6042, 0.1546, 0.0764



0.2849, 0.1638, 0.1097

Previews

White Background



This preview shows how the Yxy color 56.8386, 0.3300, 0.3520 looks on a white background.

Color Contrast Check

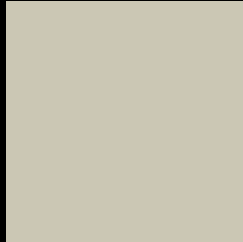
Large Text (above 18pt) WCAG AA × Fail

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 56.8386, 0.3300, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

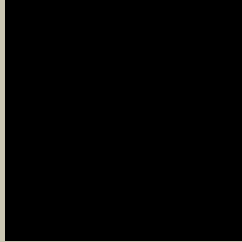
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

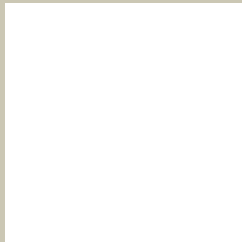
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8386, 0.3300, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 56.8386, 0.3300, 0.3520.



This preview shows how white text looks on a background with the Yxy color 56.8386, 0.3300, 0.3520.

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

56.8386, 0.3300, 0.3520

Protanopia

56.9082, 0.3342, 0.3518

Deuteranopia

56.9240, 0.3472, 0.3406



Tritanopia

56.9488, 0.3112, 0.3115

Trichromacy



Original Color

56.8386, 0.3300, 0.3520

Protanomaly

56.7647, 0.3334, 0.3519

Deuteranomaly

56.9653, 0.3407, 0.3455

Tritanomaly

56.7252, 0.3185, 0.3255

Monochromacy



Original Color

56.8386, 0.3300, 0.3520

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4291, 0.3195, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8386, 0.3300, 0.3520 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(203, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 180)  
}
```

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(203, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 180) }
```

Border

The CSS property to change the border of an element to Yxy 56.8386, 0.3300, 0.3520 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(203, 199, 180) }
```

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

```
.border{ border-color:rgb(203, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8386, 0.3300, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 180) }
```

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

```
.background{ background-color: rgb(203,  
199, 180) }
```

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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