

Converting Colors

Yxy(56.5653, 0.3316, 0.3563)

Have a look what the booklet for
Yxy(56.5653, 0.3316, 0.3563)
contains.

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Color

Yxy(56.5777, 0.3315, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	CAC7B1
RGB	202, 199, 177
RGB Percent	79%, 78%, 69%
CMY	0.2079, 0.2196, 0.3060
CMYK	0.00, 0.01, 0.12, 0.21
HSL	53°, 19%, 74%
HSV	53°, 12%, 79%
XYZ	52.7136, 56.5777, 49.7241
YIQ	197.3890, 8.8500, -6.2060

Conversions

Conversions Part 2

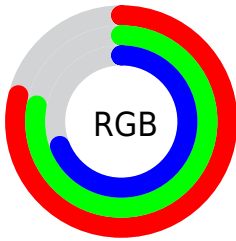
Format	Color
RYB	180, 202, 177
Decimal	13289393
CIELab	79.94, -2.74, 11.40
CIELCh	80, 11.725, 103.514
Yxy	56.5777, 0.3315, 0.3558
Android (android.graphics.Color)	4291479473 (0xFFCAC7B1)
YUV	197.3890, -10.0518, 4.0438
Hunter-Lab	75.2181, -6.5372, 13.4581

Details

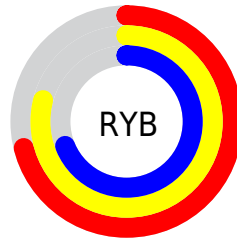
The Yxy color $56.5777, 0.3315, 0.3558$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.2371, 0.2933, 0.3007$, and the grayscale version is $56.1402, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6632, 0.3256, 0.3503$, and $28.0019, 0.3370, 0.3633$ is the 20% darker color. If you saturate the color by 10%, you get $54.7317, 0.3475, 0.3781$, and if you desaturate by 10%, it is $58.5655, 0.3162, 0.3341$.

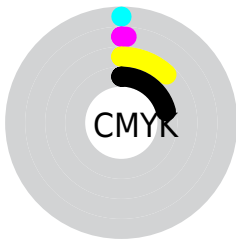
Distribution



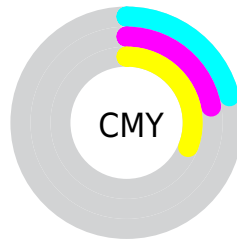
- Red (79%)
- Green (78%)
- Blue (69%)



- Red (71%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5777, 0.3315, 0.3558 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 56.5777, 0.3315, 0.3558 by changing the saturation by 10% instead.


 56.5777, 0.3315,
0.3558

 56.5777, 0.3315,
0.3558

411.8650, 0.3225,
0.3428

 40.6663, 0.3337,
0.3590


 99.8487, 0.3283,
0.3511

 28.0584, 0.3364,
0.3629


127.9771, 0.3271,
0.3494

 18.3697, 0.3399,
0.3682

160.9467, 0.3260,
0.3479

 11.2157, 0.3446,
0.3752

199.1417, 0.3251,
0.3466

 6.2121, 0.3513,
0.3854

242.9467, 0.3243,
0.3454

 2.9745, 0.3614,
0.4012

292.7460, 0.3236,

 1.1184, 0.3937,

0.3444

0.4462

348.9239, 0.3230,
0.3435

0.0000, 0.0000,
0.0000

56.5777, 0.3315,
0.3558

56.5777, 0.3315,
0.3558

54.7317, 0.3475,
0.3781

58.5655, 0.3162,
0.3341

53.0148, 0.3639,
0.4004

60.6926, 0.3019,
0.3133

51.4238, 0.3801,
0.4219

62.9662, 0.2887,
0.2939

49.9524, 0.3957,
0.4417

65.2107, 0.2782,
0.2786

48.5940, 0.4099,
0.4587

66.4013, 0.2784,
0.2813

■ 47.3410, 0.4220,
0.4721

■ 67.6099, 0.2786,
0.2840

■ 46.1846, 0.4316,
0.4812

■ 68.8366, 0.2787,
0.2867

■ 45.1147, 0.4384,
0.4859

■ 70.0815, 0.2789,
0.2893

■ 44.3438, 0.4422,
0.4871

■ 71.3445, 0.2791,
0.2920

Harmonies

Analogous

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



56.5777, 0.3410, 0.3502



56.5777, 0.3315, 0.3558



56.5777, 0.3171, 0.3539

Triad

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



56.5777, 0.3315, 0.3558



56.5777, 0.2836, 0.3175



56.5777, 0.3233, 0.3139

Complementary

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



56.5777, 0.3315, 0.3558



46.2371, 0.2933, 0.3007

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.



56.5777, 0.3078, 0.3056



56.5777, 0.3315, 0.3558



56.5777, 0.2851, 0.3073

Square

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



56.5777, 0.3315, 0.3558



56.5777, 0.2896, 0.3314



56.5777, 0.2938, 0.3031



56.5777, 0.3363, 0.3261

Rectangle

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



56.5777, 0.3315, 0.3558



56.5777, 0.3067, 0.3486



56.5777, 0.2938, 0.3031



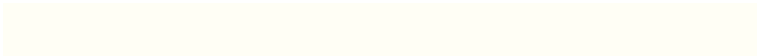
56.5777, 0.3182, 0.3106

Sweetspot

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



56.5802, 0.3315, 0.3558



98.5854, 0.3187, 0.3376



47.2992, 0.3321, 0.3249



21.0453, 0.3199, 0.3393



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.



56.5802, 0.3315, 0.3558



94.8959, 0.3359, 0.3621



56.7274, 0.3237, 0.3600



12.8590, 0.3269, 0.3492



28.6221, 0.4418, 0.4874



1.5427, 0.4368, 0.4914

Inverse Universe

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



46.2371, 0.2933, 0.3007



73.8152, 0.2885, 0.2936



46.1571, 0.3008, 0.2975



11.0563, 0.2982, 0.3079



3.2373, 0.1527, 0.0695



0.2408, 0.1598, 0.0954

Previews

White Background



This preview shows how the Yxy color 56.5777, 0.3315, 0.3558 looks on a white background.

Color Contrast Check

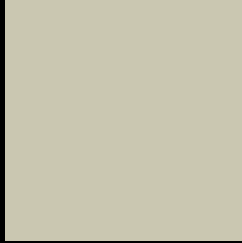
Large Text (above 18pt) WCAG AA × Fail

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 56.5777, 0.3315, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

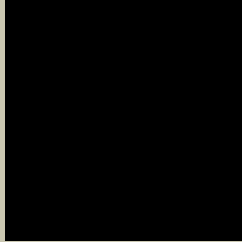
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

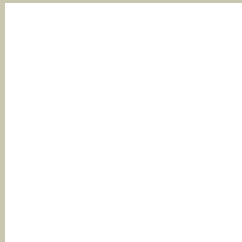
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5777, 0.3315, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 56.5777, 0.3315, 0.3558.



This preview shows how white text looks on a background with the Yxy color 56.5777, 0.3315, 0.3558.

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

56.5777, 0.3315, 0.3558

Protanopia

56.7882, 0.3365, 0.3555

Deuteranopia

56.3636, 0.3499, 0.3429



Tritanopia

56.5021, 0.3112, 0.3104

Trichromacy



Original Color

56.5777, 0.3315, 0.3558

Protanomaly

56.5019, 0.3349, 0.3556

Deuteranomaly

56.3969, 0.3433, 0.3479

Tritanomaly

56.5362, 0.3184, 0.3266

Monochromacy



Original Color

56.5777, 0.3315, 0.3558

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2480, 0.3194, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5777, 0.3315, 0.3558 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(202, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(202, 199, 177)  
}
```

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(202, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 199, 177) }
```

Border

The CSS property to change the border of an element to Yxy 56.5777, 0.3315, 0.3558 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(202, 199, 177) }
```

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

```
.border{ border-color:rgb(202, 199, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 199, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 199, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 199, 177); box-shadow:4px 4px 4px 4px rgb(202, 199, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5777, 0.3315, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 199, 177) }
```

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

```
.background{ background-color: rgb(202,  
199, 177) }
```

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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