

Converting Colors

$Y_{xy}(55.3291, 0.3296, 0.3605)$

Have a look what the booklet for
Yxy(55.3291, 0.3296, 0.3605)
contains.

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Color

Yxy(55.1411, 0.3297, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	C4C6AD
RGB	196, 198, 173
RGB Percent	77%, 78%, 68%
CMY	0.2314, 0.2235, 0.3215
CMYK	0.01, 0.00, 0.13, 0.22
HSL	65°, 18%, 73%
HSV	65°, 13%, 78%
XYZ	50.5001, 55.1411, 47.5286
YIQ	194.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

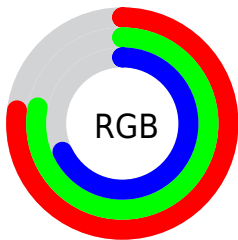
Format	Color
RYB	173, 198, 175
Decimal	12895917
CIELab	79.12, -5.04, 12.29
CIElCh	79, 13.284, 112.308
Yxy	55.1411, 0.3297, 0.3600
Android (android.graphics.Color)	4291085997 (0xFFC4C6AD)
YUV	194.5520, -10.6251, 1.2699
Hunter-Lab	74.2571, -8.5572, 14.0311

Details

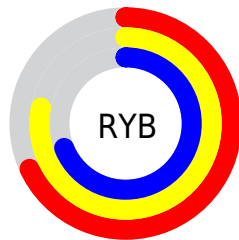
The Yxy color **55.1411, 0.3297, 0.3600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0941, 0.2945, 0.2963**, and the grayscale version is **54.3549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0041, 0.3273, 0.3553**, and **27.0778, 0.3336, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **54.2185, 0.3434, 0.3854**, and if you desaturate by 10%, it is **56.1844, 0.3162, 0.3353**.

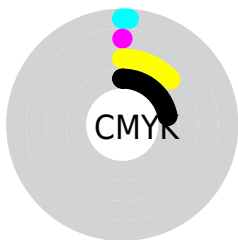
Distribution



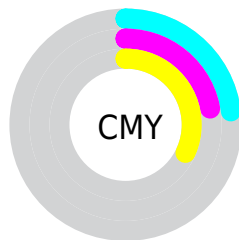
- Red (77%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1411, 0.3297, 0.3600 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 55.1411, 0.3297, 0.3600 by changing the saturation by 10% instead.


 55.1411, 0.3297,
0.3600

 55.1411, 0.3297,
0.3600

406.4466, 0.3215,
0.3448

 39.5147, 0.3316,
0.3637

 97.7477, 0.3268,
0.3545

 27.1604, 0.3341,
0.3684


125.4966, 0.3257,
0.3525

 17.6937, 0.3372,
0.3746


158.0552, 0.3247,
0.3507

 10.7303, 0.3415,
0.3832

195.8078, 0.3239,
0.3492

 5.8858, 0.3474,
0.3955

239.1389, 0.3232,
0.3479

 2.7758, 0.3563,
0.4149

288.4328, 0.3226,

 1.0158, 0.3998,

0.3467

0.4853

344.0739, 0.3220,
0.3457

0.0000, 0.0000,
0.0000

55.1411, 0.3297,
0.3600

55.1411, 0.3297,
0.3600

54.2185, 0.3434,
0.3854

56.1844, 0.3162,
0.3353

53.4045, 0.3569,
0.4108

57.3459, 0.3032,
0.3118

52.6960, 0.3696,
0.4353

58.6324, 0.2908,
0.2897

52.0873, 0.3810,
0.4580

60.0481, 0.2793,
0.2694

51.5720, 0.3906,
0.4778

60.4512, 0.2788,
0.2668

■ 51.1429, 0.3978,
0.4938

■ 60.6793, 0.2799,
0.2670

■ 50.7919, 0.4026,
0.5057

■ 60.9098, 0.2810,
0.2672

■ 50.5092, 0.4047,
0.5131

■ 61.1427, 0.2821,
0.2674

■ 50.3308, 0.4051,
0.5165

■ 61.3779, 0.2832,
0.2676

Harmonies

Analogous

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



55.1411, 0.3427, 0.3559



55.1411, 0.3297, 0.3600



55.1411, 0.3124, 0.3553

Triad

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



55.1411, 0.3297, 0.3600



55.1411, 0.2791, 0.3118



55.1411, 0.3297, 0.3155

Complementary

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



55.1411, 0.3297, 0.3600



43.0941, 0.2945, 0.2963

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.



55.1411, 0.3122, 0.3045



55.1411, 0.3297, 0.3600



55.1411, 0.2834, 0.3020

Square

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



55.1411, 0.3297, 0.3600



55.1411, 0.2835, 0.3268



55.1411, 0.2953, 0.2995



55.1411, 0.3427, 0.3300

Rectangle

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



55.1411, 0.3297, 0.3600



55.1411, 0.3009, 0.3478



55.1411, 0.2953, 0.2995



55.1411, 0.3241, 0.3113

Sweetspot

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



55.1435, 0.3297, 0.3600



99.2038, 0.3181, 0.3388



45.5645, 0.3351, 0.3312



21.2025, 0.3191, 0.3407



0.0000, 0.0000, 0.0000



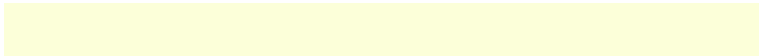
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1435, 0.3297, 0.3600



97.1931, 0.3333, 0.3666



53.5821, 0.3198, 0.3610



12.3716, 0.3253, 0.3519



32.7460, 0.4053, 0.5164



1.5638, 0.4084, 0.5139

Inverse Universe

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



43.0941, 0.2945, 0.2963



71.9096, 0.2904, 0.2890



44.5620, 0.3048, 0.2973



10.3279, 0.2995, 0.3052



2.7389, 0.1529, 0.0616



0.1442, 0.1629, 0.0671

Previews

White Background



This preview shows how the Yxy color 55.1411, 0.3297, 0.3600 looks on a white background.

Color Contrast Check

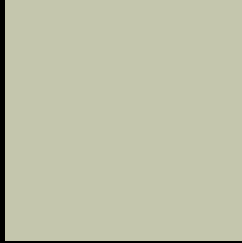
Large Text (above 18pt) WCAG AA × Fail

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 55.1411, 0.3297, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

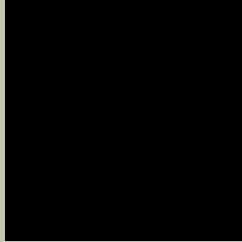
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

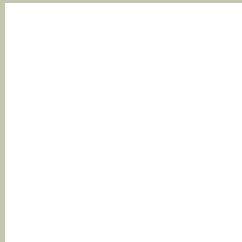
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1411, 0.3297, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 55.1411, 0.3297, 0.3600.



This preview shows how white text looks on a background with the Yxy color 55.1411, 0.3297, 0.3600.

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

55.1411, 0.3297, 0.3600

Protanopia

54.9879, 0.3385, 0.3570

Deuteranopia

55.0199, 0.3519, 0.3454



Tritanopia

55.1115, 0.3080, 0.3112

Trichromacy



Original Color

55.1411, 0.3297, 0.3600

Protanomaly

55.0150, 0.3358, 0.3584

Deuteranomaly

54.9014, 0.3443, 0.3505

Tritanomaly

55.1125, 0.3159, 0.3290

Monochromacy



Original Color

55.1411, 0.3297, 0.3600

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6698, 0.3186, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1411, 0.3297, 0.3600 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(196, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 173)  
}
```

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(196, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 173) }
```

Border

The CSS property to change the border of an element to Yxy 55.1411, 0.3297, 0.3600 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(196, 198, 173) }
```

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

```
.border{ border-color:rgb(196, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 198, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 198, 173); box-shadow:4px 4px 4px 4px rgb(196, 198, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1411, 0.3297, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 173) }
```

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

```
.background{ background-color: rgb(196,  
198, 173) }
```

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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