

Converting Colors

$Yxy(53.8796, 0.3396, 0.3572)$

Have a look what the booklet for
Yxy(53.8796, 0.3396, 0.3572)
contains.

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Color

Yxy(53.8796, 0.3396, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	CCC1AA
RGB	204, 193, 170
RGB Percent	80%, 76%, 67%
CMY	0.2001, 0.2431, 0.3333
CMYK	0.00, 0.05, 0.17, 0.20
HSL	41°, 25%, 73%
HSV	41°, 17%, 80%
XYZ	51.2248, 53.8796, 45.7343
YIQ	193.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

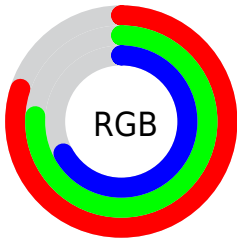
Format	Color
RYB	186, 204, 170
Decimal	13418922
CIELab	78.39, 0.04, 12.96
CIELCh	78, 12.963, 89.837
Yxy	53.8796, 0.3396, 0.3572
Android (android.graphics.Color)	4291609002 (0xFFCCC1AA)
YUV	193.6670, -11.6678, 9.0620
Hunter-Lab	73.4027, -3.8867, 14.4407

Details

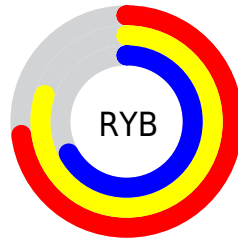
The Yxy color $53.8796, 0.3396, 0.3572$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.9475, 0.2864, 0.2991$, and the grayscale version is $53.8062, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4476, 0.3311, 0.3525$, and $26.5482, 0.3469, 0.3651$ is the 20% darker color. If you saturate the color by 10%, you get $50.3198, 0.3578, 0.3749$, and if you desaturate by 10%, it is $57.6938, 0.3229, 0.3400$.

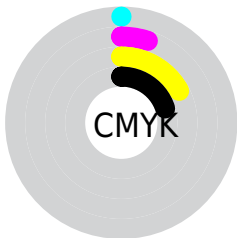
Distribution



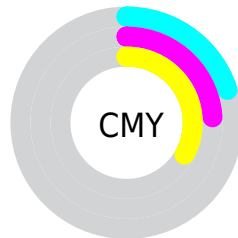
- Red (80%)
- Green (76%)
- Blue (67%)



- Red (73%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8796, 0.3396, 0.3572 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 53.8796, 0.3396, 0.3572 by changing the saturation by 10% instead.

■ 53.8796, 0.3396,
0.3572

■ 53.8796, 0.3396,
0.3572

401.6507, 0.3265,
0.3435

■ 38.5054, 0.3428,
0.3605

■ 95.8974, 0.3349,
0.3523

■ 26.3752, 0.3468,
0.3647

123.3099, 0.3331,
0.3504

■ 17.1045, 0.3520,
0.3702

155.5039, 0.3316,
0.3488

■ 10.3090, 0.3591,
0.3777

192.8638, 0.3303,
0.3475

■ 5.6043, 0.3693,
0.3883

235.7740, 0.3292,
0.3463

■ 2.6060, 0.3850,
0.4048

284.6190, 0.3282,

■ 0.9297, 0.4608,

0.3452

0.4843

339.7831, 0.3273,
0.3443

0.0000, 0.0000,
0.0000

53.8796, 0.3396,
0.3572

53.8796, 0.3396,
0.3572

50.3198, 0.3578,
0.3749

57.6938, 0.3229,
0.3400

47.0001, 0.3773,
0.3927

61.7619, 0.3078,
0.3236

43.9152, 0.3977,
0.4097

66.0929, 0.2943,
0.3083

41.0569, 0.4185,
0.4250

70.6930, 0.2822,
0.2941

38.4162, 0.4388,
0.4376

74.4240, 0.2807,
0.2979

■ 35.9833, 0.4575,
0.4463

■ 78.0759, 0.2812,
0.3051

■ 33.7468, 0.4738,
0.4502

■ 81.8671, 0.2816,
0.3122

■ 31.6927, 0.4870,
0.4492

■ 85.7989, 0.2821,
0.3192

■ 31.0383, 0.4911,
0.4483

■ 89.8729, 0.2825,
0.3261

Harmonies

Analogous

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



53.8796, 0.3466, 0.3477



53.8796, 0.3396, 0.3572



53.8796, 0.3254, 0.3591

Triad

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



53.8796, 0.3396, 0.3572



53.8796, 0.2821, 0.3229



53.8796, 0.3167, 0.3071

Complementary

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



53.8796, 0.3396, 0.3572



45.9475, 0.2864, 0.2991

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.



53.8796, 0.2995, 0.3006



53.8796, 0.3396, 0.3572



53.8796, 0.2799, 0.3091

Square

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



53.8796, 0.3396, 0.3572



53.8796, 0.2923, 0.3389



53.8796, 0.2862, 0.3012



53.8796, 0.3332, 0.3191

Rectangle

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



53.8796, 0.3396, 0.3572



53.8796, 0.3139, 0.3556



53.8796, 0.2862, 0.3012



53.8796, 0.3108, 0.3042

Sweetspot

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



53.8820, 0.3396, 0.3572



96.6061, 0.3204, 0.3373



44.9383, 0.3340, 0.3150



20.5775, 0.3215, 0.3385



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.



53.8820, 0.3396, 0.3572



87.0751, 0.3460, 0.3636



58.1305, 0.3329, 0.3706



12.4619, 0.3273, 0.3446



19.7143, 0.4898, 0.4493



1.1509, 0.4728, 0.4628

Inverse Universe

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



45.9475, 0.2864, 0.2991



71.4932, 0.2803, 0.2919



42.3040, 0.2904, 0.2850



11.4259, 0.2983, 0.3129



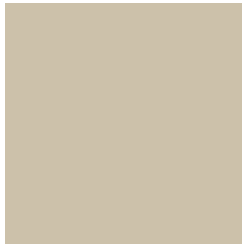
5.3399, 0.1630, 0.1067



0.4132, 0.1742, 0.1470

Previews

White Background



This preview shows how the Yxy color 53.8796, 0.3396, 0.3572 looks on a white background.

Color Contrast Check

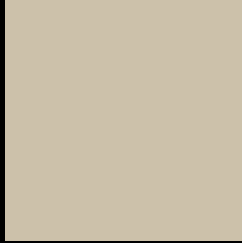
Large Text (above 18pt) WCAG AA × Fail

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 53.8796, 0.3396, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

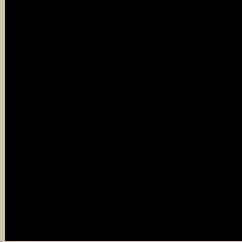
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

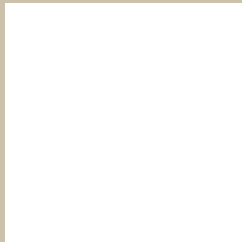
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8796, 0.3396, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 53.8796, 0.3396, 0.3572.



This preview shows how white text looks on a background with the Yxy color 53.8796, 0.3396, 0.3572.

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

53.8796, 0.3396, 0.3572

Protanopia

53.7387, 0.3388, 0.3573

Deuteranopia

53.8531, 0.3549, 0.3478



Tritanopia

53.6881, 0.3176, 0.3113

Trichromacy



Original Color

53.8796, 0.3396, 0.3572

Protanomaly

53.7387, 0.3388, 0.3573

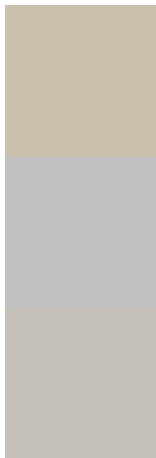
Deuteranomaly

53.7825, 0.3491, 0.3505

Tritanomaly

53.8539, 0.3260, 0.3278

Monochromacy



Original Color

53.8796, 0.3396, 0.3572

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0921, 0.3227, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8796, 0.3396, 0.3572 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(204, 193, 170)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 170)  
}
```

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(204, 193, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 170) }
```

Border

The CSS property to change the border of an element to Yxy 53.8796, 0.3396, 0.3572 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(204, 193, 170) }
```

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

```
.border{ border-color:rgb(204, 193, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 170);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8796, 0.3396, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 170) }
```

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

```
.background{ background-color: rgb(204,  
193, 170) }
```

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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