

Converting Colors

Yxy(53.6666, 0.3517, 0.3685)

Have a look what the booklet for
Yxy(53.6666, 0.3517, 0.3685)
contains.

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Color

Yxy(53.6472, 0.3513, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	D0C0A0
RGB	208, 192, 160
RGB Percent	82%, 75%, 63%
CMY	0.1842, 0.2471, 0.3725
CMYK	0.00, 0.08, 0.23, 0.18
HSL	40°, 34%, 72%
HSV	40°, 23%, 82%
XYZ	51.2127, 53.6472, 40.9206
YIQ	193.1360, 19.8080, -6.5600

Conversions

Conversions Part 2

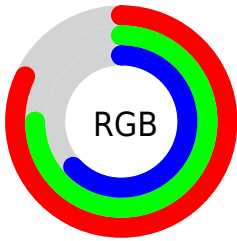
Format	Color
RYB	184, 208, 160
Decimal	13680800
CIELab	78.26, 0.59, 18.18
CIELCh	78, 18.189, 88.140
Yxy	53.6472, 0.3513, 0.3680
Android (android.graphics.Color)	4291870880 (0xFFD0C0A0)
YUV	193.1360, -16.3360, 13.0357
Hunter-Lab	73.2442, -3.3695, 18.1465

Details

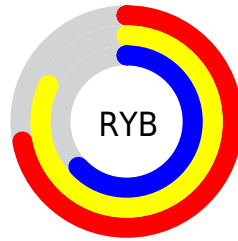
The Yxy color **53.6472, 0.3513, 0.3680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0974, 0.2755, 0.2867**, and the grayscale version is **53.5049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3011, 0.3374, 0.3615**, and **26.3203, 0.3616, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **50.0035, 0.3705, 0.3856**, and if you desaturate by 10%, it is **57.5615, 0.3335, 0.3507**.

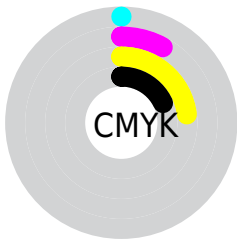
Distribution



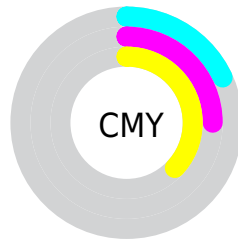
- Red (82%)
- Green (75%)
- Blue (63%)



- Red (72%)
- Yellow (82%)
- Blue (63%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6472, 0.3513, 0.3680 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 53.6472, 0.3513, 0.3680 by changing the saturation by 10% instead.


 53.6472, 0.3513,
0.3680

 53.6472, 0.3513,
0.3680


400.7632, 0.3325,
0.3490

 38.3197, 0.3558,
0.3726


 95.5560, 0.3446,
0.3612

 26.2309, 0.3615,
0.3783


 122.9061, 0.3420,
0.3587

 16.9965, 0.3690,
0.3857


155.0326, 0.3399,
0.3565

 10.2320, 0.3790,
0.3957

192.3197, 0.3380,
0.3546

 5.5530, 0.3931,
0.4097

235.1519, 0.3363,
0.3529

 2.5753, 0.4141,
0.4305

283.9137, 0.3349,

 0.9142, 0.4915,

0.3515

0.5085

338.9893, 0.3336,
0.3502

0.0000, 0.0000,
0.0000

53.6472, 0.3513,
0.3680

53.6472, 0.3513,
0.3680

50.0035, 0.3705,
0.3856

57.5615, 0.3335,
0.3507

46.6150, 0.3910,
0.4027

61.7466, 0.3174,
0.3340

43.4757, 0.4120,
0.4186

66.2122, 0.3028,
0.3182

40.5762, 0.4330,
0.4320

70.9650, 0.2898,
0.3035

37.9064, 0.4529,
0.4420

75.4165, 0.2833,
0.2989

■ 35.4547, 0.4706,
0.4475

■ 79.2858, 0.2837,
0.3064

■ 33.2077, 0.4854,
0.4480

■ 83.3100, 0.2841,
0.3139

■ 31.7572, 0.4941,
0.4459

■ 87.4908, 0.2845,
0.3212

■ 91.8299, 0.2849,
0.3284

Harmonies

Analogous

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



53.6472, 0.3607, 0.3538



53.6472, 0.3513, 0.3680



53.6472, 0.3316, 0.3719

Triad

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



53.6472, 0.3513, 0.3680



53.6472, 0.2706, 0.3213



53.6472, 0.3167, 0.2979

Complementary

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



53.6472, 0.3513, 0.3680



43.0974, 0.2755, 0.2867

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.



53.6472, 0.2928, 0.2893



53.6472, 0.3513, 0.3680



53.6472, 0.2669, 0.3017

Square

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



53.6472, 0.3513, 0.3680



53.6472, 0.2851, 0.3442



53.6472, 0.2749, 0.2904



53.6472, 0.3403, 0.3140

Rectangle

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



53.6472, 0.3513, 0.3680



53.6472, 0.3155, 0.3675



53.6472, 0.2749, 0.2904



53.6472, 0.3084, 0.2941

Sweetspot

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



53.6496, 0.3513, 0.3680



95.1602, 0.3236, 0.3405



41.7276, 0.3437, 0.3083



20.2811, 0.3246, 0.3416



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.



53.6496, 0.3513, 0.3680



81.9486, 0.3612, 0.3772



60.0535, 0.3414, 0.3873



13.1050, 0.3274, 0.3444



19.9725, 0.4928, 0.4469



1.2595, 0.4760, 0.4603

Inverse Universe

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



43.0974, 0.2755, 0.2867



62.1973, 0.2664, 0.2755



37.9419, 0.2797, 0.2657



12.0533, 0.2982, 0.3131



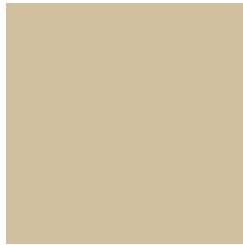
5.6842, 0.1637, 0.1092



0.4626, 0.1741, 0.1468

Previews

White Background



This preview shows how the Yxy color 53.6472, 0.3513, 0.3680 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 53.6472, 0.3513, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

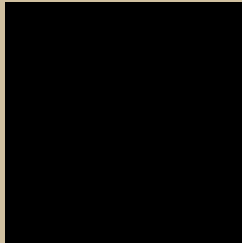
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

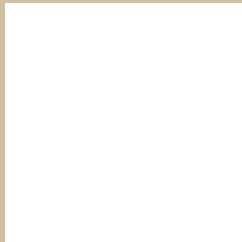
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6472, 0.3513, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 53.6472, 0.3513, 0.3680.



This preview shows how white text looks on a background with the Yxy color 53.6472, 0.3513, 0.3680.

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

53.6472, 0.3513, 0.3680

Protanopia

53.5505, 0.3468, 0.3684

Deuteranopia

53.5383, 0.3663, 0.3583



Tritanopia

53.4810, 0.3235, 0.3115

Trichromacy



Original Color

53.6472, 0.3513, 0.3680

Protanomaly

53.6923, 0.3476, 0.3683

Deuteranomaly

53.4451, 0.3603, 0.3611

Tritanomaly

53.3605, 0.3336, 0.3314

Monochromacy



Original Color

53.6472, 0.3513, 0.3680

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4819, 0.3259, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6472, 0.3513, 0.3680 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(208, 192, 160)` looks like.

```
.text, #text, p{  
    color:rgb(208, 192, 160)  
}
```

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(208, 192, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 192, 160) }
```

Border

The CSS property to change the border of an element to Yxy 53.6472, 0.3513, 0.3680 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(208, 192, 160) }
```

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

```
.border{ border-color:rgb(208, 192, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 192, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 192, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 192, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 192,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6472, 0.3513, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 192, 160) }
```

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

```
.background{ background-color: rgb(208,  
192, 160) }
```

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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