

Converting Colors

$Yxy(54.0294, 0.3842, 0.4277)$

Have a look what the booklet for
Yxy(54.0294, 0.3842, 0.4277)
contains.

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Color

Yxy(53.9602, 0.3842, 0.4274)

Conversions

Conversions Part 1

Format	Color
Hex	CFC472
RGB	207, 196, 114
RGB Percent	81%, 77%, 45%
CMY	0.1883, 0.2313, 0.5528
CMYK	0.00, 0.05, 0.45, 0.19
HSL	53°, 49%, 63%
HSV	53°, 45%, 81%
XYZ	48.5061, 53.9602, 23.7859
YIQ	189.9410, 32.8780, -23.1700

Conversions

Conversions Part 2

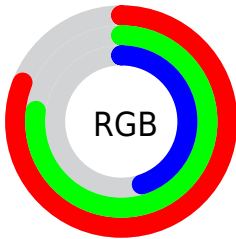
Format	Color
R _Y B	126, 207, 114
Decimal	13616242
CIE Lab	78.44, -7.50, 42.37
CIE LCh	78, 43.030, 100.032
Yxy	53.9602, 0.3842, 0.4274
Android (android.graphics.Color)	4291806322 (0xFFCFC472)
YUV	189.9410, -37.4389, 14.9607
Hunter-Lab	73.4576, -10.6823, 32.2219

Details

The Yxy color **53.9602, 0.3842, 0.4274** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.7492, 0.2314, 0.2062**, and the grayscale version is **51.6634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6708, 0.3658, 0.4127**, and **26.2955, 0.4004, 0.4506** is the 20% darker color. If you saturate the color by 10%, you get **52.4504, 0.3994, 0.4466**, and if you desaturate by 10%, it is **55.5996, 0.3681, 0.4062**.

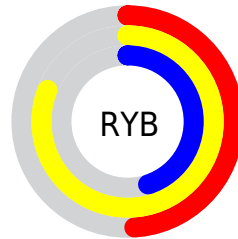
Distribution



Red (81%)

Green (77%)

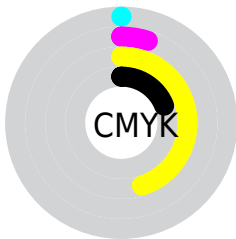
Blue (45%)



Red (49%)

Yellow (81%)

Blue (45%)

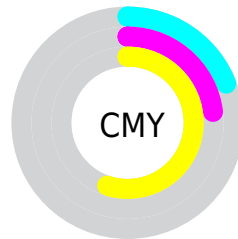


Cyan (0%)

Magenta (5%)

Yellow (45%)

Black (19%)



Cyan (19%)


Magenta (23%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9602, 0.3842, 0.4274 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 53.9602, 0.3842, 0.4274 by changing the saturation by 10% instead.

 53.9602, 0.3842,
0.4274


 53.9602, 0.3842,
0.4274


401.9582, 0.3509,
0.3798

 38.5698, 0.3915,
0.4384


 96.0158, 0.3728,
0.4107

 26.4253, 0.4002,
0.4519


 123.4498, 0.3683,
0.4042

 17.1420, 0.4104,
0.4687


 155.6672, 0.3644,
0.3987

 10.3358, 0.4223,
0.4897

193.0524, 0.3610,
0.3939

 5.6222, 0.4378,
0.5192

235.9896, 0.3580,
0.3897

 2.6167, 0.4486,
0.5514

284.8634, 0.3554,

 0.9351, 0.4298,

0.3860

0.5702

340.0582, 0.3530,
0.3827

0.0000, 0.0000,
0.0000

53.9602, 0.3842,
0.4274

53.9602, 0.3842,
0.4274

52.4504, 0.3994,
0.4466

55.5996, 0.3681,
0.4062

51.0553, 0.4131,
0.4628

57.3677, 0.3517,
0.3840

49.7692, 0.4246,
0.4751

59.2733, 0.3355,
0.3615


48.5824, 0.4334,
0.4831

61.3220, 0.3200,
0.3395

47.4833, 0.4395,
0.4866


63.5192, 0.3054,
0.3184

 46.9466, 0.4419,
0.4873

 65.8699, 0.2919,
0.2985

 68.1245, 0.2818,
0.2840

 69.3632, 0.2819,
0.2866

 70.6205, 0.2821,
0.2893

Harmonies

Analogous

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



53.9602, 0.4196, 0.3969



53.9602, 0.3842, 0.4274



53.9602, 0.3314, 0.4307

Triad

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



53.9602, 0.3842, 0.4274



53.9602, 0.2119, 0.2872



53.9602, 0.3437, 0.2722

Complementary

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



53.9602, 0.3842, 0.4274



22.7492, 0.2314, 0.2062

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.



53.9602, 0.2859, 0.2469



53.9602, 0.3842, 0.4274



53.9602, 0.2144, 0.2519

Square

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



53.9602, 0.3842, 0.4274



53.9602, 0.2333, 0.3413



53.9602, 0.2400, 0.2391



53.9602, 0.3967, 0.3101

Rectangle

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



53.9602, 0.3842, 0.4274



53.9602, 0.2939, 0.4124



53.9602, 0.2400, 0.2391



53.9602, 0.3240, 0.2621

Sweetspot

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



53.9627, 0.3842, 0.4274



95.5756, 0.3327, 0.3576



26.8204, 0.4154, 0.3135



20.3049, 0.3363, 0.3626



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.



53.9627, 0.3842, 0.4274



84.1395, 0.3991, 0.4461



54.7033, 0.3503, 0.4502



13.5495, 0.3269, 0.3493



29.6764, 0.4415, 0.4876



1.7282, 0.4369, 0.4913

Inverse Universe

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



22.7492, 0.2314, 0.2062



27.9482, 0.2117, 0.1746



22.8509, 0.2583, 0.2000



11.6392, 0.2982, 0.3078



3.3337, 0.1526, 0.0693



0.2632, 0.1593, 0.0934

Previews

White Background



This preview shows how the Yxy color 53.9602, 0.3842, 0.4274 looks on a white background.

Color Contrast Check

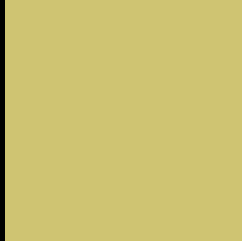
Large Text (above 18pt) WCAG AA × Fail

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 53.9602, 0.3842, 0.4274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

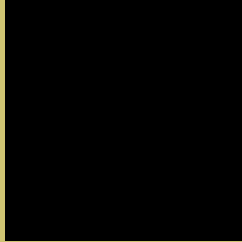
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9602, 0.3842, 0.4274

Background



This preview shows how black text looks on a background with the Yxy color 53.9602, 0.3842, 0.4274.



This preview shows how white text looks on a background with the Yxy color 53.9602, 0.3842, 0.4274.

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

53.9602, 0.3842, 0.4274

Protanopia

53.9220, 0.3913, 0.4244

Deuteranopia

53.6210, 0.4137, 0.4051



Tritanopia

53.8869, 0.3268, 0.3128

Trichromacy



Original Color

53.9602, 0.3842, 0.4274

Protanomaly

54.0714, 0.3890, 0.4261

Deuteranomaly

53.6405, 0.4033, 0.4133

Tritanomaly

53.8376, 0.3488, 0.3542

Monochromacy



Original Color

53.9602, 0.3842, 0.4274

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0437, 0.3393, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9602, 0.3842, 0.4274 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(207, 196, 114)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 114)  
}
```

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(207, 196, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 114) }
```

Border

The CSS property to change the border of an element to Yxy 53.9602, 0.3842, 0.4274 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(207, 196, 114) }
```

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

```
.border{ border-color:rgb(207, 196, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 114);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9602, 0.3842, 0.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 114) }
```

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

```
.background{ background-color: rgb(207,  
196, 114) }
```

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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