

Converting Colors

Yxy(53.8882, 0.3721, 0.4279)

Have a look what the booklet for
Yxy(53.8882, 0.3721, 0.4279)
contains.

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Color

Yxy(53.7019, 0.3725, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	C6C676
RGB	198, 198, 118
RGB Percent	78%, 78%, 46%
CMY	0.2236, 0.2235, 0.5371
CMYK	0.00, 0.00, 0.40, 0.22
HSL	60°, 41%, 62%
HSV	60°, 40%, 78%
XYZ	46.7491, 53.7019, 25.0500
YIQ	188.8800, 25.6800, -24.8800

Conversions

Conversions Part 2

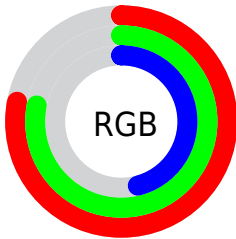
Format	Color
RYB	118, 198, 118
Decimal	13026934
CIELab	78.29, -11.73, 40.02
CIELCh	78, 41.699, 106.337
Yxy	53.7019, 0.3725, 0.4279
Android (android.graphics.Color)	4291217014 (0xFFC6C676)
YUV	188.8800, -34.9438, 7.9982
Hunter-Lab	73.2816, -14.3707, 31.0299

Details

The Yxy color **53.7019, 0.3725, 0.4279** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.8982, 0.2386, 0.2064**, and the grayscale version is **51.0099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7203, 0.3626, 0.4115**, and **26.2035, 0.3859, 0.4526** is the 20% darker color. If you saturate the color by 10%, you get **53.2806, 0.3857, 0.4498**, and if you desaturate by 10%, it is **54.2270, 0.3581, 0.4041**.

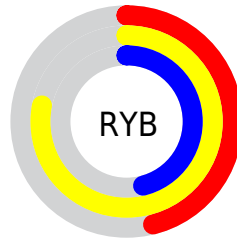
Distribution



Red (78%)

Green (78%)

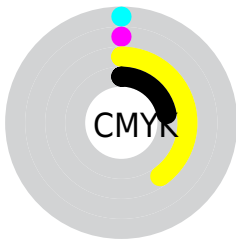
Blue (46%)



Red (46%)

Yellow (78%)

Blue (46%)

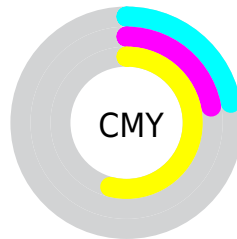


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7019, 0.3725, 0.4279 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 53.7019, 0.3725, 0.4279 by changing the saturation by 10% instead.


 53.7019, 0.3725,
0.4279

 53.7019, 0.3725,
0.4279


400.9722, 0.3448,
0.3794


 38.3634, 0.3785,
0.4394


 95.6364, 0.3631,
0.4106

 26.2648, 0.3856,
0.4538


 123.0012, 0.3593,
0.4040

 17.0219, 0.3940,
0.4719


 155.1435, 0.3561,
0.3984

 10.2501, 0.4035,
0.4953

192.4478, 0.3533,
0.3935

 5.5651, 0.4145,
0.5275

235.2984, 0.3508,
0.3893

 2.5825, 0.4258,
0.5742

284.0798, 0.3486,

 0.9179, 0.3895,

0.3856

0.6105

339.1762, 0.3466,
0.3823

0.0000, 0.0000,
0.0000

53.7019, 0.3725,
0.4279

53.7019, 0.3725,
0.4279

53.2806, 0.3857,
0.4498

54.2270, 0.3581,
0.4041

52.9494, 0.3972,
0.4688

54.8541, 0.3431,
0.3793

52.7038, 0.4064,
0.4840

55.5910, 0.3280,
0.3543

52.5360, 0.4131,
0.4951


56.4426, 0.3133,
0.3299


52.4365, 0.4172,
0.5020


57.4135, 0.2992,
0.3066

 52.3882, 0.4192,
0.5053

 58.5080, 0.2860,
0.2848

 59.6243, 0.2747,
0.2661

 59.6255, 0.2747,
0.2661

 59.6268, 0.2747,
0.2661

Harmonies

Analogous

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



53.7019, 0.4115, 0.4029



53.7019, 0.3725, 0.4279



53.7019, 0.3194, 0.4236

Triad

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



53.7019, 0.3725, 0.4279



53.7019, 0.2132, 0.2796



53.7019, 0.3548, 0.2807

Complementary

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



53.7019, 0.3725, 0.4279



20.8982, 0.2386, 0.2064

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.



53.7019, 0.2980, 0.2529



53.7019, 0.3725, 0.4279



53.7019, 0.2204, 0.2496

Square

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



53.7019, 0.3725, 0.4279



53.7019, 0.2292, 0.3291



53.7019, 0.2499, 0.2414



53.7019, 0.4025, 0.3195

Rectangle

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



53.7019, 0.3725, 0.4279



53.7019, 0.2836, 0.4011



53.7019, 0.2499, 0.2414



53.7019, 0.3358, 0.2699

Sweetspot

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



53.7043, 0.3725, 0.4279



98.1809, 0.3307, 0.3588



26.2802, 0.4141, 0.3293



20.9763, 0.3327, 0.3621



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.



53.7043, 0.3725, 0.4279



94.4517, 0.3836, 0.4463



48.9733, 0.3380, 0.4405



12.4168, 0.3265, 0.3518



34.0652, 0.4192, 0.5053



1.6131, 0.4193, 0.5053

Inverse Universe

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



20.8982, 0.2386, 0.2064



28.8444, 0.2207, 0.1768



24.3131, 0.2758, 0.2179



10.2877, 0.2983, 0.3051



2.6520, 0.1500, 0.0600



0.1257, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 53.7019, 0.3725, 0.4279 looks on a white background.

Color Contrast Check

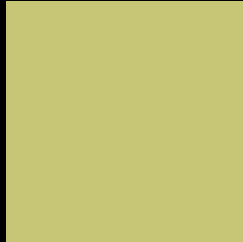
Large Text (above 18pt) WCAG AA × Fail

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 53.7019, 0.3725, 0.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

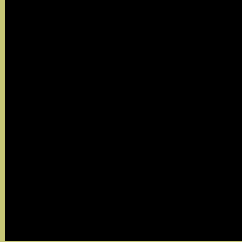
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

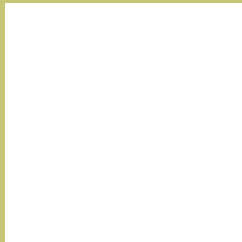
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7019, 0.3725, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 53.7019, 0.3725, 0.4279.



This preview shows how white text looks on a background with the Yxy color 53.7019, 0.3725, 0.4279.

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

53.7019, 0.3725, 0.4279

Protanopia

53.8416, 0.3883, 0.4215

Deuteranopia

53.5708, 0.4089, 0.4002



Tritanopia

53.6881, 0.3176, 0.3113

Trichromacy



Original Color

53.7019, 0.3725, 0.4279

Protanomaly

53.5800, 0.3826, 0.4230

Deuteranomaly

53.5551, 0.3954, 0.4102

Tritanomaly

53.5152, 0.3382, 0.3535

Monochromacy



Original Color

53.7019, 0.3725, 0.4279

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5501, 0.3351, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7019, 0.3725, 0.4279 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(198, 198, 118)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 118)  
}
```

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(198, 198, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 118) }
```

Border

The CSS property to change the border of an element to Yxy 53.7019, 0.3725, 0.4279 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(198, 198, 118) }
```

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

```
.border{ border-color:rgb(198, 198, 118) }
```

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

Here you see how a box with a 4 pixel rgb(198, 198, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 118);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7019, 0.3725, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 118) }
```

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

```
.background{ background-color: rgb(198,  
198, 118) }
```

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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