

Converting Colors

$Yxy(53.8636, 0.3755, 0.4107)$

Have a look what the booklet for
Yxy(53.8636, 0.3755, 0.4107)
contains.

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Color

Yxy(53.9724, 0.3761, 0.4113)

Conversions

Conversions Part 1

Format	Color
Hex	D0C37F
RGB	208, 195, 127
RGB Percent	82%, 76%, 50%
CMY	0.1844, 0.2352, 0.5019
CMYK	0.00, 0.06, 0.39, 0.18
HSL	50°, 46%, 66%
HSV	50°, 39%, 82%
XYZ	49.3533, 53.9724, 27.8982
YIQ	191.1350, 29.5760, -18.3920

Conversions

Conversions Part 2

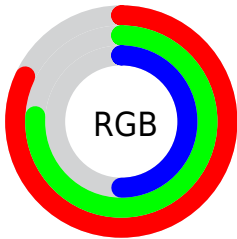
Format	Color
RYB	142, 208, 127
Decimal	13681535
CIELab	78.45, -5.21, 35.81
CIElCh	78, 36.186, 98.284
Yxy	53.9724, 0.3761, 0.4113
Android (android.graphics.Color)	4291871615 (0xFFD0C37F)
YUV	191.1350, -31.6186, 14.7906
Hunter-Lab	73.4659, -8.6517, 28.9111

Details

The Yxy color **53.9724, 0.3761, 0.4113** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.8135, 0.2443, 0.2303**, and the grayscale version is **52.3568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5906, 0.3578, 0.3982**, and **26.5572, 0.3902, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **52.0118, 0.3929, 0.4311**, and if you desaturate by 10%, it is **56.0831, 0.3591, 0.3902**.

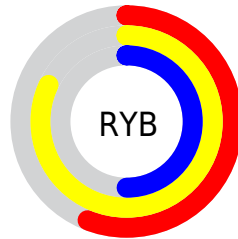
Distribution



Red (82%)

Green (76%)

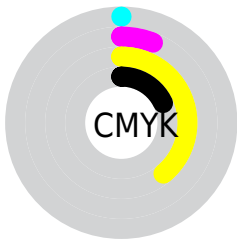
Blue (50%)



Red (56%)

Yellow (82%)

Blue (50%)

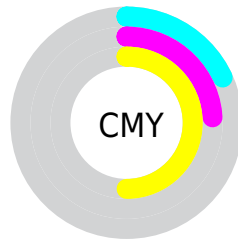


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (18%)



Cyan (18%)

Magenta (24%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9724, 0.3761, 0.4113 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 53.9724, 0.3761, 0.4113 by changing the saturation by 10% instead.


 53.9724, 0.3761,
0.4113


 53.9724, 0.3761,
0.4113

402.0048, 0.3461,
0.3714


 38.5796, 0.3829,
0.4207


 96.0337, 0.3657,
0.3972

 26.4328, 0.3912,
0.4323


 123.4710, 0.3616,
0.3918

 17.1477, 0.4014,
0.4470


 155.6920, 0.3581,
0.3871

 10.3399, 0.4140,
0.4659

193.0809, 0.3551,
0.3831

 5.6249, 0.4290,
0.4903

236.0223, 0.3524,
0.3796

 2.6184, 0.4606,
0.5394

284.9004, 0.3500,

 0.9359, 0.4486,

0.3765

0.5514

340.0998, 0.3479,
0.3738

0.0000, 0.0000,
0.0000

53.9724, 0.3761,
0.4113

53.9724, 0.3761,
0.4113

52.0118, 0.3929,
0.4311

56.0831, 0.3591,
0.3902

50.1868, 0.4087,
0.4486

58.3431, 0.3423,
0.3686

48.4920, 0.4229,
0.4629

60.7609, 0.3262,
0.3474

46.9182, 0.4347,
0.4730

63.3423, 0.3112,
0.3269

45.4551, 0.4438,
0.4786

66.0925, 0.2972,
0.3075

■ 44.0856, 0.4503,
0.4801

■ 69.0166, 0.2844,
0.2893

■ 43.9421, 0.4510,
0.4801

■ 70.9341, 0.2827,
0.2898

■ 72.6816, 0.2829,
0.2934

■ 74.4639, 0.2831,
0.2971

Harmonies

Analogous

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



53.9724, 0.4042, 0.3859



53.9724, 0.3761, 0.4113



53.9724, 0.3321, 0.4142

Triad

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



53.9724, 0.3761, 0.4113



53.9724, 0.2271, 0.2969



53.9724, 0.3363, 0.2789

Complementary

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



53.9724, 0.3761, 0.4113



27.8135, 0.2443, 0.2303

Split Complementary

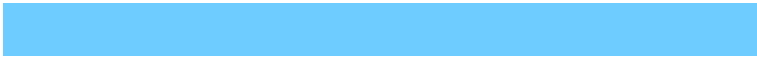
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.9724, 0.2877, 0.2577



53.9724, 0.3761, 0.4113



53.9724, 0.2279, 0.2651

Square

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



53.9724, 0.3761, 0.4113



53.9724, 0.2471, 0.3427



53.9724, 0.2491, 0.2523



53.9724, 0.3811, 0.3114

Rectangle

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



53.9724, 0.3761, 0.4113



53.9724, 0.3002, 0.3999



53.9724, 0.2491, 0.2523



53.9724, 0.3197, 0.2703

Sweetspot

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



53.9749, 0.3761, 0.4113



95.0979, 0.3313, 0.3541



30.4961, 0.3926, 0.3120



20.2456, 0.3334, 0.3569



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.



53.9749, 0.3761, 0.4113



82.8975, 0.3906, 0.4285



56.4537, 0.3482, 0.4327



13.4619, 0.3270, 0.3484



27.5134, 0.4504, 0.4805



1.6268, 0.4438, 0.4858

Inverse Universe

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



27.8135, 0.2443, 0.2303



35.6055, 0.2272, 0.2038



26.6042, 0.2648, 0.2181



11.7190, 0.2982, 0.3089



3.6195, 0.1540, 0.0745



0.3005, 0.1623, 0.1043

Previews

White Background



This preview shows how the Yxy color 53.9724, 0.3761, 0.4113 looks on a white background.

Color Contrast Check

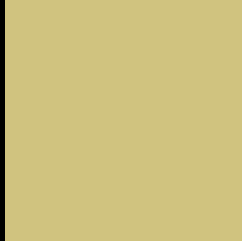
Large Text (above 18pt) WCAG AA × Fail

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 53.9724, 0.3761, 0.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

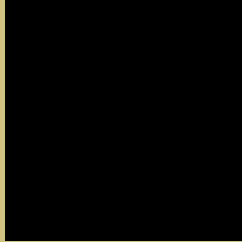
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9724, 0.3761, 0.4113

Background



This preview shows how black text looks on a background with the Yxy color 53.9724, 0.3761, 0.4113.



This preview shows how white text looks on a background with the Yxy color 53.9724, 0.3761, 0.4113.

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

53.9724, 0.3761, 0.4113

Protanopia

53.9648, 0.3792, 0.4094

Deuteranopia

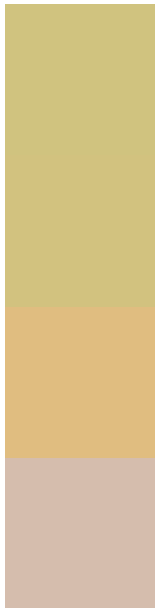
54.0264, 0.4011, 0.3931



Tritanopia

53.8869, 0.3268, 0.3128

Trichromacy



Original Color

53.9724, 0.3761, 0.4113

Protanomaly

53.8175, 0.3783, 0.4097

Deuteranomaly

53.8010, 0.3924, 0.3995

Tritanomaly

53.5585, 0.3458, 0.3482

Monochromacy



Original Color

53.9724, 0.3761, 0.4113

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3967, 0.3354, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9724, 0.3761, 0.4113 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, 195, 127)` looks like.

```
.text, #text, p{  
    color:rgb(208, 195, 127)  
}
```

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, 195, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 195, 127) }
```

Border

The CSS property to change the border of an element to Yxy 53.9724, 0.3761, 0.4113 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, 195, 127) }
```

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

```
.border{ border-color:rgb(208, 195, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 195, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 195, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 195, 127); box-shadow:4px 4px 4px 4px rgb(208, 195, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9724, 0.3761, 0.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 195, 127) }
```

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

```
.background{ background-color: rgb(208,  
195, 127) }
```

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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