

Converting Colors

$Y_{xy}(59.1104, 0.3530, 0.3774)$

Have a look what the booklet for
Yxy(59.1104, 0.3530, 0.3774)
contains.

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Color

Yxy(59.1104, 0.3530, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	D6CAA1
RGB	214, 202, 161
RGB Percent	84%, 79%, 63%
CMY	0.1608, 0.2078, 0.3685
CMYK	0.00, 0.06, 0.25, 0.16
HSL	46°, 39%, 74%
HSV	46°, 25%, 84%
XYZ	55.2887, 59.1104, 42.2262
YIQ	200.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

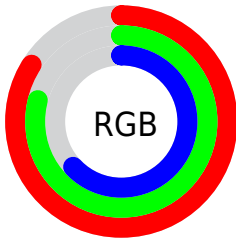
Format	Color
RYB	177, 214, 161
Decimal	14076577
CIELab	81.35, -2.24, 22.00
CIElCh	81, 22.113, 95.807
Yxy	59.1104, 0.3530, 0.3774
Android (android.graphics.Color)	4292266657 (0xFFD6CAA1)
YUV	200.9140, -19.6776, 11.4764
Hunter-Lab	76.8833, -6.1818, 21.2548

Details

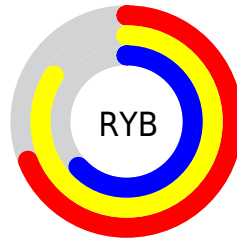
The Yxy color **59.1104, 0.3530, 0.3774** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3367, 0.2719, 0.2754**, and the grayscale version is **58.4705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **29.6549, 0.3636, 0.3900** is the 20% darker color. If you saturate the color by 10%, you get **56.1807, 0.3709, 0.3974**, and if you desaturate by 10%, it is **62.2462, 0.3359, 0.3574**.

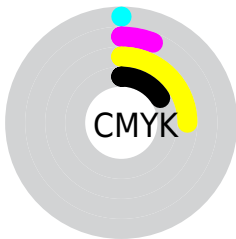
Distribution



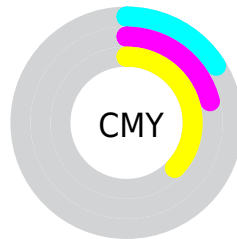
- Red (84%)
- Green (79%)
- Blue (63%)



- Red (69%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1104, 0.3530, 0.3774 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 59.1104, 0.3530, 0.3774 by changing the saturation by 10% instead.


 59.1104, 0.3530,
0.3774

 59.1104, 0.3530,
0.3774


421.3109, 0.3338,
0.3541

 42.7020, 0.3575,
0.3829


 103.5381, 0.3462,
0.3692

 29.6514, 0.3631,
0.3898


 132.3262, 0.3436,
0.3660

 19.5741, 0.3702,
0.3986


166.0096, 0.3414,
0.3633

 12.0859, 0.3796,
0.4104

204.9728, 0.3395,
0.3610

 6.8022, 0.3923,
0.4266

249.6001, 0.3378,
0.3589

 3.3387, 0.4101,
0.4500

300.2760, 0.3363,

 1.3110, 0.4730,

0.3572

0.5270

357.3848, 0.3350,
0.3556

0.1497, 0.3693,
0.6307

0.0000, 0.0000,
0.0000

59.1104, 0.3530,
0.3774

59.1104, 0.3530,
0.3774

56.1807, 0.3709,
0.3974

62.2462, 0.3359,
0.3574

53.4420, 0.3893,
0.4166

65.5868, 0.3199,
0.3379

50.8890, 0.4074,
0.4342

69.1413, 0.3052,
0.3194

48.5131, 0.4245,
0.4489

72.9158, 0.2917,
0.3020

46.3049, 0.4397,
0.4600

76.0477, 0.2870,
0.2988

44.2533, 0.4525,
0.4665

78.7270, 0.2872,
0.3040

42.3451, 0.4622,
0.4682

81.4816, 0.2874,
0.3091

41.3900, 0.4665,
0.4678

84.3120, 0.2877,
0.3142

87.2188, 0.2879,
0.3193

Harmonies

Analogous

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



59.1104, 0.3678, 0.3630



59.1104, 0.3530, 0.3774



59.1104, 0.3276, 0.3786

Triad

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



59.1104, 0.3530, 0.3774



59.1104, 0.2610, 0.3131



59.1104, 0.3248, 0.2968

Complementary

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



59.1104, 0.3530, 0.3774



42.3367, 0.2719, 0.2754

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.



59.1104, 0.2960, 0.2843



59.1104, 0.3530, 0.3774



59.1104, 0.2602, 0.2923

Square

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



59.1104, 0.3530, 0.3774



59.1104, 0.2749, 0.3399



59.1104, 0.2727, 0.2824



59.1104, 0.3513, 0.3171

Rectangle

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



59.1104, 0.3530, 0.3774



59.1104, 0.3084, 0.3709



59.1104, 0.2727, 0.2824



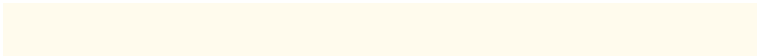
59.1104, 0.3150, 0.2916

Sweetspot

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



59.1131, 0.3530, 0.3774



96.3491, 0.3235, 0.3424



42.8295, 0.3525, 0.3141



20.5569, 0.3244, 0.3435



0.0000, 0.0000, 0.0000



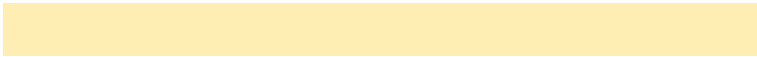
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.1131, 0.3530, 0.3774



85.4467, 0.3629, 0.3885



62.9345, 0.3387, 0.3928



14.0203, 0.3272, 0.3469



25.1783, 0.4657, 0.4684



1.6383, 0.4561, 0.4761

Inverse Universe

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



42.3367, 0.2719, 0.2754



56.1512, 0.2617, 0.2613



39.4874, 0.2820, 0.2613



12.4608, 0.2982, 0.3104



4.3674, 0.1570, 0.0851



0.3903, 0.1661, 0.1181

Previews

White Background



This preview shows how the Yxy color 59.1104, 0.3530, 0.3774 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 59.1104, 0.3530, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

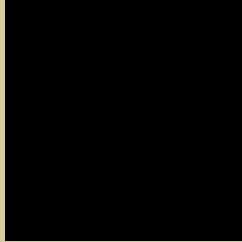
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1104, 0.3530, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 59.1104, 0.3530, 0.3774.



This preview shows how white text looks on a background with the Yxy color 59.1104, 0.3530, 0.3774.

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

59.1104, 0.3530, 0.3774

Protanopia

59.2613, 0.3538, 0.3773

Deuteranopia

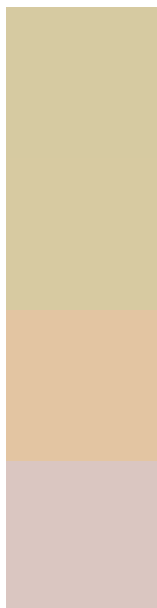
58.8901, 0.3716, 0.3637



Tritanopia

58.9490, 0.3207, 0.3110

Trichromacy



Original Color

59.1104, 0.3530, 0.3774

Protanomaly

59.2613, 0.3538, 0.3773

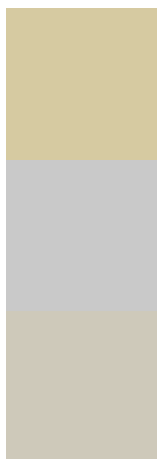
Deuteranomaly

58.8720, 0.3646, 0.3691

Tritanomaly

59.1438, 0.3325, 0.3348

Monochromacy



Original Color

59.1104, 0.3530, 0.3774

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4403, 0.3277, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1104, 0.3530, 0.3774 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(214, 202, 161)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 161)  
}
```

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(214, 202, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 161) }
```

Border

The CSS property to change the border of an element to Yxy 59.1104, 0.3530, 0.3774 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(214, 202, 161) }
```

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

```
.border{ border-color:rgb(214, 202, 161) }
```

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

Here you see how a box with a 4 pixel rgb(214, 202, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1104, 0.3530, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 161) }
```

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

```
.background{ background-color: rgb(214,  
202, 161) }
```

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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