

Converting Colors

$Y_{xy}(59.8050, 0.3530, 0.3459)$

Have a look what the booklet for
Yxy(59.8050, 0.3530, 0.3459)
contains.

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Color

Yxy(59.8050, 0.3530, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	E7C4B5
RGB	231, 196, 181
RGB Percent	91%, 77%, 71%
CMY	0.0942, 0.2313, 0.2901
CMYK	0.00, 0.15, 0.22, 0.09
HSL	18°, 51%, 81%
HSV	18°, 22%, 91%
XYZ	61.0326, 59.8050, 52.0592
YIQ	204.7550, 25.6750, 2.7550

Conversions

Conversions Part 2

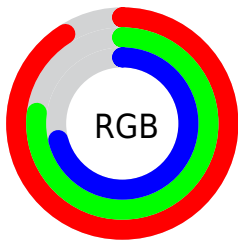
Format	Color
R _Y B	231, 202, 181
Decimal	15189173
CIE Lab	81.73, 10.11, 12.11
CIE LCh	82, 15.775, 50.164
Yxy	59.8050, 0.3530, 0.3459
Android (android.graphics.Color)	4293379253 (0xFFE7C4B5)
YUV	204.7550, -11.7112, 23.0169
Hunter-Lab	77.3337, 5.5401, 14.2210

Details

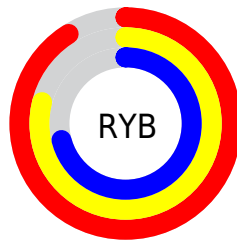
The Yxy color **59.8050, 0.3530, 0.3459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.7071, 0.2794, 0.3114**, and the grayscale version is **60.9517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6250, 0.3234, 0.3445**, and **30.0185, 0.3640, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **52.0298, 0.3772, 0.3542**, and if you desaturate by 10%, it is **68.5291, 0.3325, 0.3378**.

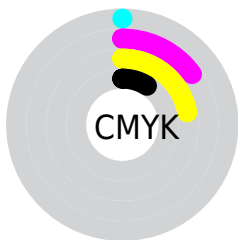
Distribution



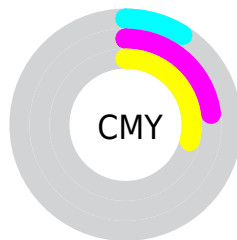
- Red (91%)
- Green (77%)
- Blue (71%)



- Red (91%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8050, 0.3530, 0.3459 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 59.8050, 0.3530, 0.3459 by changing the saturation by 10% instead.

 59.8050, 0.3530,
0.3459

 59.8050, 0.3530,
0.3459

423.8786, 0.3336,
0.3381

 43.2615, 0.3576,
0.3477


 104.5467, 0.3461,
0.3432

 30.0903, 0.3635,
0.3498

133.5138, 0.3434,
0.3422

 19.9072, 0.3711,
0.3525


167.3907, 0.3412,
0.3413

 12.3276, 0.3813,
0.3560

206.5620, 0.3392,
0.3405

 6.9672, 0.3958,
0.3606

251.4121, 0.3376,
0.3398

 3.4416, 0.4178,
0.3669

302.3253, 0.3361,

 1.3664, 0.4614,

0.3392

0.3806

359.6860, 0.3347,
0.3386

0.1918, 0.6911,
0.3089

0.0000, 0.0000,
0.0000

59.8050, 0.3530,
0.3459

59.8050, 0.3530,
0.3459

52.0298, 0.3772,
0.3542

68.5291, 0.3325,
0.3378

45.1629, 0.4055,
0.3624

78.2248, 0.3152,
0.3302

39.1724, 0.4378,
0.3699

88.9244, 0.3007,
0.3231

34.0216, 0.4735,
0.3755

95.7253, 0.2981,
0.3290

■ 29.6708, 0.5108,
0.3783

■ 26.0770, 0.5469,
0.3769

■ 23.1920, 0.5780,
0.3708

■ 21.2751, 0.5986,
0.3629

Harmonies

Analogous

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



59.8050, 0.3467, 0.3288



59.8050, 0.3530, 0.3459



59.8050, 0.3481, 0.3593

Triad

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



59.8050, 0.3530, 0.3459



59.8050, 0.2942, 0.3464



59.8050, 0.2914, 0.2950

Complementary

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



59.8050, 0.3530, 0.3459



64.7071, 0.2794, 0.3114

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.



59.8050, 0.2782, 0.2984



59.8050, 0.3530, 0.3459



59.8050, 0.2798, 0.3277

Square

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



59.8050, 0.3530, 0.3459



59.8050, 0.3138, 0.3603



59.8050, 0.2740, 0.3101



59.8050, 0.3106, 0.3002

Rectangle

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



59.8050, 0.3530, 0.3459



59.8050, 0.3393, 0.3641



59.8050, 0.2740, 0.3101



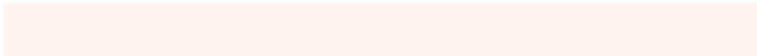
59.8050, 0.2861, 0.2952

Sweetspot

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



59.8077, 0.3530, 0.3459



92.4086, 0.3225, 0.3335



55.0468, 0.3264, 0.2899



19.6082, 0.3236, 0.3340



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.



59.8077, 0.3530, 0.3459



70.3181, 0.3635, 0.3497



71.5914, 0.3476, 0.3718



15.0691, 0.3285, 0.3361



12.1194, 0.5958, 0.3652



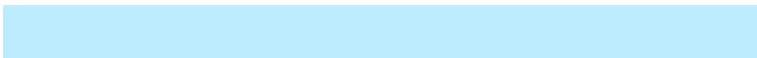
1.0539, 0.5670, 0.3880

Inverse Universe

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



64.7071, 0.2794, 0.3114



77.4837, 0.2725, 0.3073



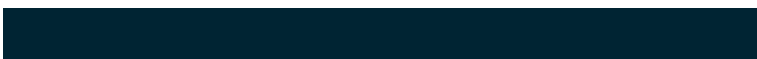
53.2309, 0.2773, 0.2822



15.5682, 0.2981, 0.3218



17.8932, 0.1968, 0.2284



1.4830, 0.2014, 0.2449

Previews

White Background



This preview shows how the Yxy color 59.8050, 0.3530, 0.3459 looks on a white background.

Color Contrast Check

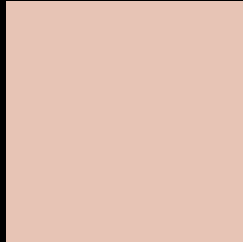
Large Text (above 18pt) WCAG AA × Fail

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 59.8050, 0.3530, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

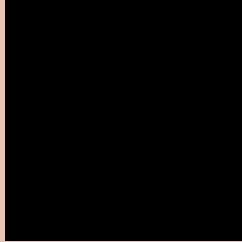
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8050, 0.3530, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 59.8050, 0.3530, 0.3459.



This preview shows how white text looks on a background with the Yxy color 59.8050, 0.3530, 0.3459.

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

59.8050, 0.3530, 0.3459

Protanopia

60.0214, 0.3329, 0.3514

Deuteranopia

59.8050, 0.3530, 0.3459



Tritanopia

59.6967, 0.3354, 0.3127

Trichromacy



Original Color

59.8050, 0.3530, 0.3459

Protanomaly

59.6329, 0.3399, 0.3487

Deuteranomaly

59.8050, 0.3530, 0.3459

Tritanomaly

59.5408, 0.3416, 0.3236

Monochromacy



Original Color

59.8050, 0.3530, 0.3459

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5227, 0.3265, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8050, 0.3530, 0.3459 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(231, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 181)  
}
```

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(231, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 181) }
```

Border

The CSS property to change the border of an element to Yxy 59.8050, 0.3530, 0.3459 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(231, 196, 181) }
```

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

```
.border{ border-color:rgb(231, 196, 181) }
```

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

Here you see how a box with a 4 pixel rgb(231, 196, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(231, 196,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8050, 0.3530, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 181) }
```

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

```
.background{ background-color: rgb(231,  
196, 181) }
```

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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