

Converting Colors

$Yxy(60.6074, 0.3519, 0.3480)$

Have a look what the booklet for
Yxy(60.6074, 0.3519, 0.3480)
contains.

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Color

Yxy(60.5474, 0.3518, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	E6C6B5
RGB	230, 198, 181
RGB Percent	90%, 78%, 71%
CMY	0.0979, 0.2235, 0.2903
CMYK	0.00, 0.14, 0.21, 0.10
HSL	21°, 50%, 81%
HSV	21°, 21%, 90%
XYZ	61.1734, 60.5474, 52.1661
YIQ	205.6300, 24.5290, 1.4970

Conversions

Conversions Part 2

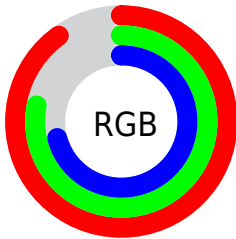
Format	Color
R _Y B	230, 207, 181
Decimal	15124149
CIE Lab	82.13, 8.70, 12.70
CIE LCh	82, 15.396, 55.586
Yxy	60.5474, 0.3518, 0.3482
Android (android.graphics.Color)	4293314229 (0xFFE6C6B5)
YUV	205.6300, -12.1426, 21.3725
Hunter-Lab	77.8122, 4.1594, 14.7200

Details

The Yxy color **60.5474, 0.3518, 0.3482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1317, 0.2796, 0.3090**, and the grayscale version is **61.5425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **30.5037, 0.3622, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **53.1522, 0.3752, 0.3578**, and if you desaturate by 10%, it is **68.7852, 0.3318, 0.3389**.

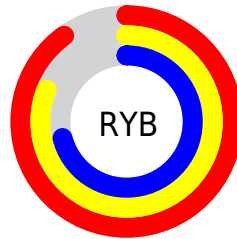
Distribution



Red (90%)

Green (78%)

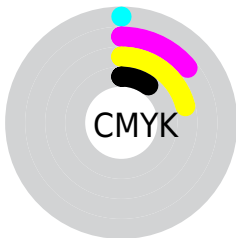
Blue (71%)



Red (90%)

Yellow (81%)

Blue (71%)

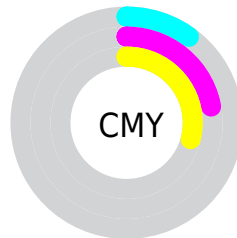


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (10%)



Cyan (10%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5474, 0.3518, 0.3482 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 60.5474, 0.3518, 0.3482 by changing the saturation by 10% instead.


 60.5474, 0.3518,
0.3482

 60.5474, 0.3518,
0.3482

426.6125, 0.3330,
0.3393

 43.8600, 0.3563,
0.3502

 105.6233, 0.3451,
0.3451

 30.5605, 0.3619,
0.3527


134.7807, 0.3426,
0.3439

 20.2644, 0.3692,
0.3559


168.8634, 0.3404,
0.3429

 12.5874, 0.3790,
0.3600

208.2560, 0.3385,
0.3420

 7.1450, 0.3929,
0.3654

253.3428, 0.3369,
0.3412

 3.5530, 0.4138,
0.3729

304.5083, 0.3354,

 1.4268, 0.4548,

0.3405

0.3887

362.1367, 0.3341,
0.3399

0.2363, 0.6490,
0.3510

0.0000, 0.0000,
0.0000

60.5474, 0.3518,
0.3482

60.5474, 0.3518,
0.3482

53.1522, 0.3752,
0.3578

68.7852, 0.3318,
0.3389

46.5639, 0.4023,
0.3673

77.8834, 0.3148,
0.3301

40.7564, 0.4330,
0.3759

87.8696, 0.3003,
0.3220

35.6988, 0.4667,
0.3828

95.5684, 0.2976,
0.3290

■ 31.3580, 0.5017,
0.3866

■ 27.6980, 0.5357,
0.3862

■ 24.6788, 0.5655,
0.3806

■ 22.5371, 0.5866,
0.3724

Harmonies

Analogous

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



60.5474, 0.3476, 0.3319



60.5474, 0.3518, 0.3482



60.5474, 0.3451, 0.3601

Triad

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



60.5474, 0.3518, 0.3482



60.5474, 0.2917, 0.3428



60.5474, 0.2951, 0.2963

Complementary

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



60.5474, 0.3518, 0.3482



63.1317, 0.2796, 0.3090

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.



60.5474, 0.2809, 0.2980



60.5474, 0.3518, 0.3482



60.5474, 0.2790, 0.3244

Square

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



60.5474, 0.3518, 0.3482



60.5474, 0.3101, 0.3576



60.5474, 0.2751, 0.3081



60.5474, 0.3143, 0.3026

Rectangle

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



60.5474, 0.3518, 0.3482



60.5474, 0.3356, 0.3637



60.5474, 0.2751, 0.3081



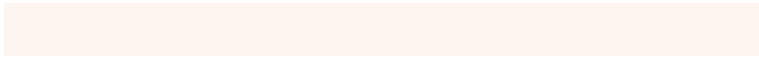
60.5474, 0.2896, 0.2959

Sweetspot

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



60.5501, 0.3518, 0.3482



92.8431, 0.3224, 0.3342



54.7059, 0.3281, 0.2930



19.7107, 0.3235, 0.3348



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.



60.5501, 0.3518, 0.3482



71.8588, 0.3627, 0.3528



72.3301, 0.3465, 0.3737



15.1816, 0.3284, 0.3372



12.9615, 0.5838, 0.3747



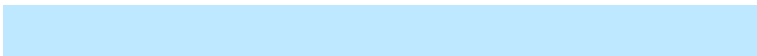
1.1265, 0.5556, 0.3970

Inverse Universe

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



63.1317, 0.2796, 0.3090



75.7130, 0.2722, 0.3039



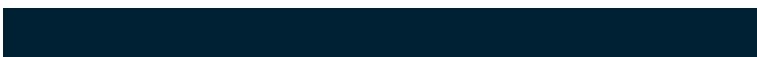
51.9975, 0.2776, 0.2799



15.4504, 0.2981, 0.3207



15.8579, 0.1921, 0.2116



1.3438, 0.1974, 0.2307

Previews

White Background



This preview shows how the Yxy color 60.5474, 0.3518, 0.3482 looks on a white background.

Color Contrast Check

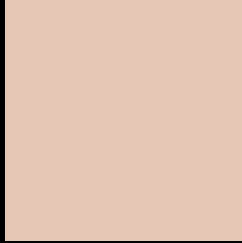
Large Text (above 18pt) WCAG AA × Fail

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 60.5474, 0.3518, 0.3482 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 60.5474, 0.3518, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 60.5474, 0.3518, 0.3482.



This preview shows how white text looks on a background with the Yxy color 60.5474, 0.3518, 0.3482.

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

60.5474, 0.3518, 0.3482

Protanopia

60.7926, 0.3344, 0.3524

Deuteranopia

60.5923, 0.3545, 0.3469



Tritanopia

60.5107, 0.3328, 0.3127

Trichromacy



Original Color

60.5474, 0.3518, 0.3482

Protanomaly

60.7200, 0.3403, 0.3509

Deuteranomaly

60.4245, 0.3536, 0.3470

Tritanomaly

60.3095, 0.3397, 0.3247

Monochromacy



Original Color

60.5474, 0.3518, 0.3482

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1902, 0.3264, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5474, 0.3518, 0.3482 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(230, 198, 181)` looks like.

```
.text, #text, p{  
    color:rgb(230, 198, 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(230, 198, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 198, 181) }
```

Border

The CSS property to change the border of an element to Yxy 60.5474, 0.3518, 0.3482 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(230, 198, 181) }
```

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

```
.border{ border-color:rgb(230, 198, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 198, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 198, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 198, 181);  
box-shadow:4px 4px 4px 4px rgb(230, 198,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5474, 0.3518, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 198, 181) }
```

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

```
.background{ background-color: rgb(230,  
198, 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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