

Converting Colors

$Yxy(60.7540, 0.3492, 0.3382)$

Have a look what the booklet for
Yxy(60.7540, 0.3492, 0.3382)
contains.

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Color

Yxy(60.6031, 0.3499, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	EAC4BC
RGB	234, 196, 188
RGB Percent	92%, 77%, 74%
CMY	0.0825, 0.2313, 0.2628
CMYK	0.00, 0.16, 0.20, 0.08
HSL	10°, 52%, 83%
HSV	10°, 20%, 92%
XYZ	62.7368, 60.6031, 55.9593
YIQ	206.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

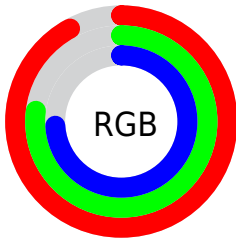
Format	Color
R _Y B	234, 198, 188
Decimal	15385788
CIE Lab	82.16, 12.22, 9.05
CIE LCh	82, 15.204, 36.522
Yxy	60.6031, 0.3499, 0.3380
Android (android.graphics.Color)	4293575868 (0xFFEAC4BC)
YUV	206.4500, -9.0958, 24.1614
Hunter-Lab	77.8480, 7.6170, 11.8743

Details

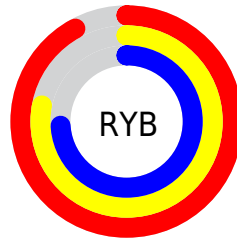
The Yxy color **60.6031, 0.3499, 0.3380** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9767, 0.2828, 0.3198**, and the grayscale version is **62.0709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0422, 0.3192, 0.3377**, and **30.5602, 0.3598, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **51.5199, 0.3750, 0.3429**, and if you desaturate by 10%, it is **70.9760, 0.3292, 0.3333**.

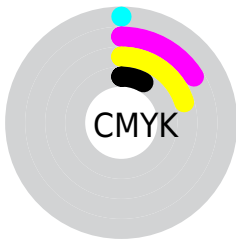
Distribution



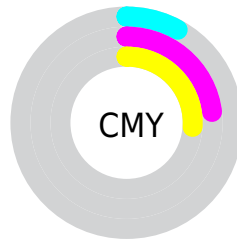
- Red (92%)
- Green (77%)
- Blue (74%)



- Red (92%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6031, 0.3499, 0.3380 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 60.6031, 0.3499, 0.3380 by changing the saturation by 10% instead.

 60.6031, 0.3499,
0.3380

 60.6031, 0.3499,
0.3380


426.8172, 0.3320,
0.3340

 43.9049, 0.3542,
0.3389


 105.7040, 0.3435,
0.3366

 30.5958, 0.3596,
0.3400


134.8756, 0.3411,
0.3361

 20.2912, 0.3665,
0.3413


168.9738, 0.3390,
0.3356

 12.6069, 0.3759,
0.3429

208.3829, 0.3372,
0.3352

 7.1584, 0.3893,
0.3450

253.4874, 0.3357,
0.3348

 3.5614, 0.4096,
0.3476

304.6717, 0.3343,

 1.4314, 0.4447,

0.3345

0.3509

362.3202, 0.3331,
0.3342

0.2397, 0.6870,
0.3130

0.0000, 0.0000,
0.0000

60.6031, 0.3499,
0.3380

60.6031, 0.3499,
0.3380

51.5199, 0.3750,
0.3429

70.9760, 0.3292,
0.3333

43.6680, 0.4051,
0.3478

82.6778, 0.3122,
0.3289

36.9962, 0.4405,
0.3522

95.5503, 0.2999,
0.3279

31.4472, 0.4806,
0.3554

96.2252, 0.2999,
0.3290

■ 26.9583, 0.5233,
0.3566

■ 23.4608, 0.5647,
0.3549

■ 20.8774, 0.5993,
0.3500

■ 19.1133, 0.6233,
0.3430

■ 19.0644, 0.6240,
0.3427

Harmonies

Analogous

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



60.6031, 0.3393, 0.3214



60.6031, 0.3499, 0.3380



60.6031, 0.3501, 0.3530

Triad

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



60.6031, 0.3499, 0.3380



60.6031, 0.3031, 0.3527



60.6031, 0.2856, 0.2968

Complementary

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



60.6031, 0.3499, 0.3380



70.9767, 0.2828, 0.3198

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.



60.6031, 0.2766, 0.3039



60.6031, 0.3499, 0.3380



60.6031, 0.2865, 0.3362

Square

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



60.6031, 0.3499, 0.3380



60.6031, 0.3227, 0.3623



60.6031, 0.2769, 0.3181



60.6031, 0.3019, 0.2981

Rectangle

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



60.6031, 0.3499, 0.3380



60.6031, 0.3444, 0.3600



60.6031, 0.2769, 0.3181



60.6031, 0.2816, 0.2982

Sweetspot

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



60.6058, 0.3499, 0.3380



91.2612, 0.3226, 0.3316



58.9529, 0.3208, 0.2880



19.3378, 0.3238, 0.3319



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.



60.6058, 0.3499, 0.3380



68.5699, 0.3605, 0.3402



71.5873, 0.3453, 0.3623



15.4797, 0.3289, 0.3332



10.8443, 0.6218, 0.3445



0.9751, 0.5971, 0.3641

Inverse Universe

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



70.9767, 0.2828, 0.3198



83.5449, 0.2762, 0.3175



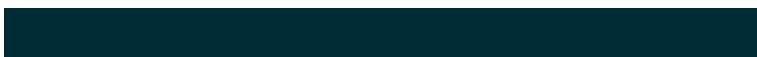
59.4860, 0.2811, 0.2933



16.6477, 0.2981, 0.3248



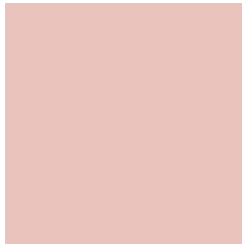
24.9586, 0.2090, 0.2723



2.0775, 0.2114, 0.2810

Previews

White Background



This preview shows how the Yxy color 60.6031, 0.3499, 0.3380 looks on a white background.

Color Contrast Check

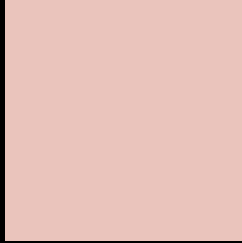
Large Text (above 18pt) WCAG AA × Fail

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 60.6031, 0.3499, 0.3380 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 60.6031, 0.3499, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 60.6031, 0.3499, 0.3380.



This preview shows how white text looks on a background with the Yxy color 60.6031, 0.3499, 0.3380.

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

60.6031, 0.3499, 0.3380

Protanopia

60.8404, 0.3268, 0.3430

Deuteranopia

60.5523, 0.3472, 0.3391



Tritanopia

60.5269, 0.3362, 0.3128

Trichromacy



Original Color

60.6031, 0.3499, 0.3380

Protanomaly

60.5949, 0.3344, 0.3405

Deuteranomaly

60.7191, 0.3481, 0.3391

Tritanomaly

60.4628, 0.3407, 0.3214

Monochromacy



Original Color

60.6031, 0.3499, 0.3380

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.9635, 0.3258, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6031, 0.3499, 0.3380 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(234, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(234, 196, 188)  
}
```

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(234, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 196, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.6031, 0.3499, 0.3380 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(234, 196, 188) }
```

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

```
.border{ border-color:rgb(234, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 196, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 196, 188); box-shadow:4px 4px 4px 4px rgb(234, 196, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6031, 0.3499, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 196, 188) }
```

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

```
.background{ background-color: rgb(234,  
196, 188) }
```

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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