

Converting Colors

Yxy(61.1275, 0.3444, 0.3291)

Have a look what the booklet for
Yxy(61.1275, 0.3444, 0.3291)
contains.

Yxy(61.1275, 0.3444, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.1275, 0.3444, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	EBC4C4
RGB	235, 196, 196
RGB Percent	92%, 77%, 77%
CMY	0.0783, 0.2314, 0.2314
CMYK	0.00, 0.17, 0.17, 0.08
HSL	0°, 49%, 85%
HSV	0°, 17%, 92%
XYZ	63.9693, 61.1275, 60.6446
YIQ	207.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

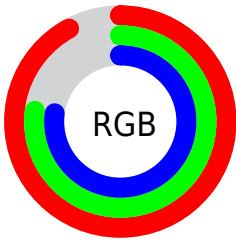
Format	Color
R _Y B	235, 196, 196
Decimal	15451332
CIE _{Lab}	82.45, 13.83, 5.18
CIE _{LCh}	82, 14.773, 20.539
Y _{xy}	61.1275, 0.3444, 0.3291
Android (android.graphics.Color)	4293641412 (0xFFEBC4C4)
Y _{UV}	207.6610, -5.7489, 23.9763
Hunter-Lab	78.1841, 9.2246, 8.7397

Details

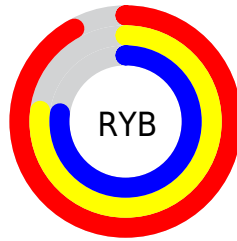
The Yxy color **61.1275, 0.3444, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1596, 0.2876, 0.3289**, and the grayscale version is **62.8747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6024, 0.3140, 0.3290**, and **30.8827, 0.3532, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **50.3596, 0.3700, 0.3292**, and if you desaturate by 10%, it is **73.7285, 0.3239, 0.3290**.

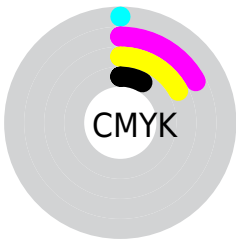
Distribution



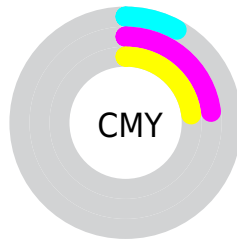
- Red (92%)
- Green (77%)
- Blue (77%)



- Red (92%)
- Yellow (77%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (8%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1275, 0.3444, 0.3291 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 61.1275, 0.3444, 0.3291 by changing the saturation by 10% instead.


 61.1275, 0.3444,
0.3291

 61.1275, 0.3444,
0.3291

428.7413, 0.3292,
0.3292

 44.3281, 0.3480,
0.3290


 106.4635, 0.3390,
0.3292

 30.9285, 0.3526,
0.3289


135.7689, 0.3369,
0.3292

 20.5444, 0.3585,
0.3287


170.0117, 0.3352,
0.3292

 12.7914, 0.3664,
0.3284

209.5764, 0.3337,
0.3292

 7.2851, 0.3777,
0.3278

254.8473, 0.3323,
0.3292

 3.6410, 0.3948,
0.3266

306.2088, 0.3312,

 1.4748, 0.4241,

0.3292

0.3238

364.0454, 0.3301,
0.3292

0.2709, 0.6872,
0.3128

0.0000, 0.0000,
0.0000

61.1275, 0.3444,
0.3291

61.1275, 0.3444,
0.3291

50.3596, 0.3700,
0.3292

73.7285, 0.3239,
0.3290

41.3317, 0.4019,
0.3293

88.2337, 0.3076,
0.3290

33.9550, 0.4404,
0.3294

96.4063, 0.3006,
0.3290

28.1297, 0.4852,
0.3295

■ 23.7450, 0.5335,
0.3297

■ 20.6756, 0.5795,
0.3298

■ 18.7750, 0.6155,
0.3299

■ 17.8579, 0.6356,
0.3300

■ 17.6674, 0.6401,
0.3300

Harmonies

Analogous

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



61.1275, 0.3299, 0.3137



61.1275, 0.3444, 0.3291



61.1275, 0.3501, 0.3450

Triad

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



61.1275, 0.3444, 0.3291



61.1275, 0.3135, 0.3579



61.1275, 0.2807, 0.3005

Complementary

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



61.1275, 0.3444, 0.3291



77.1596, 0.2876, 0.3289

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.



61.1275, 0.2767, 0.3113



61.1275, 0.3444, 0.3291



61.1275, 0.2953, 0.3450

Square

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



61.1275, 0.3444, 0.3291



61.1275, 0.3319, 0.3623



61.1275, 0.2819, 0.3276



61.1275, 0.2931, 0.2973

Rectangle

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



61.1275, 0.3444, 0.3291



61.1275, 0.3482, 0.3538



61.1275, 0.2819, 0.3276



61.1275, 0.2783, 0.3033

Sweetspot

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



61.1303, 0.3444, 0.3291



91.3407, 0.3211, 0.3290



63.1409, 0.3146, 0.2879



19.3002, 0.3223, 0.3290



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.



61.1303, 0.3444, 0.3291



68.8107, 0.3527, 0.3291



70.5107, 0.3410, 0.3501



15.0546, 0.3293, 0.3291



9.8307, 0.6401, 0.3300



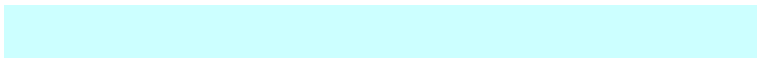
0.7721, 0.6400, 0.3300

Inverse Universe

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



77.1596, 0.2876, 0.3289



91.5702, 0.2827, 0.3289



66.5933, 0.2866, 0.3069



17.1213, 0.2981, 0.3290



36.3901, 0.2246, 0.3287



2.8577, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 61.1275, 0.3444, 0.3291 looks on a white background.

Color Contrast Check

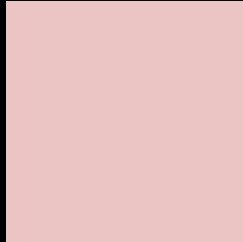
Large Text (above 18pt) WCAG AA × Fail

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 61.1275, 0.3444, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

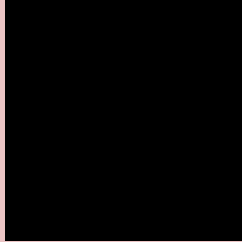
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1275, 0.3444, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 61.1275, 0.3444, 0.3291.

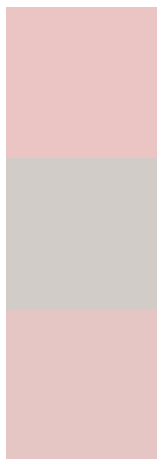


This preview shows how white text looks on a background with the Yxy color 61.1275, 0.3444, 0.3291.

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

61.1275, 0.3444, 0.3291

Protanopia

61.1044, 0.3195, 0.3325

Deuteranopia

61.0317, 0.3391, 0.3313



Tritanopia

61.1915, 0.3360, 0.3129

Trichromacy



Original Color

61.1275, 0.3444, 0.3291

Protanomaly

60.9569, 0.3283, 0.3313

Deuteranomaly

60.9070, 0.3409, 0.3302

Tritanomaly

61.2227, 0.3390, 0.3193

Monochromacy



Original Color

61.1275, 0.3444, 0.3291

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4508, 0.3235, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1275, 0.3444, 0.3291 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(235, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 196)  
}
```

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(235, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 196) }
```

Border

The CSS property to change the border of an element to Yxy 61.1275, 0.3444, 0.3291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

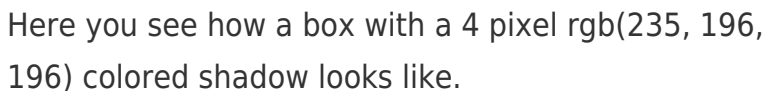
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 196, 196) }
```

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

```
.border{ border-color:rgb(235, 196, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 196, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 196, 196); box-shadow:4px 4px 4px 4px rgb(235, 196, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1275, 0.3444, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 196) }
```

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

```
.background{ background-color: rgb(235,  
196, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor