

Converting Colors

$Yxy(63.0619, 0.3437, 0.3413)$

Have a look what the booklet for
Yxy(63.0619, 0.3437, 0.3413)
contains.

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Color

Yxy(62.9916, 0.3439, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	E7CABF
RGB	231, 202, 191
RGB Percent	91%, 79%, 75%
CMY	0.0942, 0.2078, 0.2510
CMYK	0.00, 0.13, 0.17, 0.09
HSL	17°, 45%, 83%
HSV	17°, 17%, 91%
XYZ	63.4715, 62.9916, 58.1007
YIQ	209.4170, 20.8150, 2.7270

Conversions

Conversions Part 2

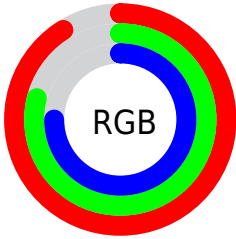
Format	Color
R _Y B	231, 206, 191
Decimal	15190719
CIE Lab	83.44, 8.42, 9.23
CIE LCh	83, 12.492, 47.600
Yxy	62.9916, 0.3439, 0.3413
Android (android.graphics.Color)	4293380799 (0xFFE7CABF)
YUV	209.4170, -9.0796, 18.9283
Hunter-Lab	79.3672, 3.8571, 12.1539

Details

The Yxy color **62.9916, 0.3439, 0.3413** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0028, 0.2860, 0.3164**, and the grayscale version is **64.0968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **32.1287, 0.3514, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **54.6260, 0.3667, 0.3489**, and if you desaturate by 10%, it is **72.3743, 0.3247, 0.3340**.

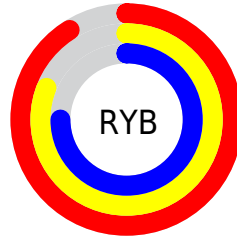
Distribution



Red (91%)

Green (79%)

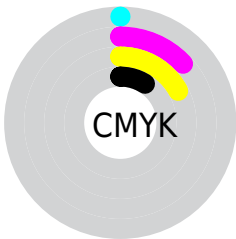
Blue (75%)



Red (91%)

Yellow (81%)

Blue (75%)

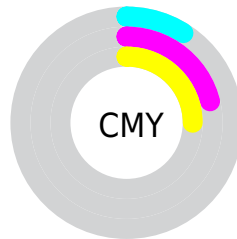


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (21%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9916, 0.3439, 0.3413 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 62.9916, 0.3439, 0.3413 by changing the saturation by 10% instead.


 62.9916, 0.3439,
0.3413

 62.9916, 0.3439,
0.3413

435.5390, 0.3290,
0.3356

 45.8344, 0.3474,
0.3426

 109.1574, 0.3386,
0.3393

 32.1152, 0.3519,
0.3442


138.9348, 0.3366,
0.3386

 21.4495, 0.3576,
0.3461


173.6877, 0.3349,
0.3379

 13.4530, 0.3652,
0.3487

213.8005, 0.3334,
0.3374

 7.7412, 0.3760,
0.3521

259.6577, 0.3321,
0.3368

 3.9298, 0.3922,
0.3569

311.6436, 0.3309,

 1.6344, 0.4193,

0.3364

370.1425, 0.3299,
0.3360

0.3638

0.3806, 0.5985,
0.4015

0.0000, 0.0000,
0.0000

62.9916, 0.3439,
0.3413

62.9916, 0.3439,
0.3413

54.6260, 0.3667,
0.3489

72.3743, 0.3247,
0.3340

47.2344, 0.3937,
0.3566

82.7984, 0.3087,
0.3272

40.7833, 0.4250,
0.3638

93.9527, 0.2981,
0.3262

35.2336, 0.4603,
0.3698

95.7238, 0.2981,
0.3290

■ 30.5438, 0.4983,
0.3734

■ 26.6685, 0.5364,
0.3736

■ 23.5578, 0.5709,
0.3694

■ 21.1543, 0.5980,
0.3608

■ 20.6146, 0.6043,
0.3584

Harmonies

Analogous

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



62.9916, 0.3383, 0.3278



62.9916, 0.3439, 0.3413



62.9916, 0.3409, 0.3520

Triad

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



62.9916, 0.3439, 0.3413



62.9916, 0.2995, 0.3436



62.9916, 0.2950, 0.3023

Complementary

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



62.9916, 0.3439, 0.3413



68.0028, 0.2860, 0.3164

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.



62.9916, 0.2852, 0.3057



62.9916, 0.3439, 0.3413



62.9916, 0.2877, 0.3294

Square

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



62.9916, 0.3439, 0.3413



62.9916, 0.3150, 0.3538



62.9916, 0.2825, 0.3155



62.9916, 0.3098, 0.3058

Rectangle

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



62.9916, 0.3439, 0.3413



62.9916, 0.3345, 0.3560



62.9916, 0.2825, 0.3155



62.9916, 0.2910, 0.3027

Sweetspot

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



62.9944, 0.3439, 0.3413



93.4547, 0.3208, 0.3324



59.4276, 0.3227, 0.2972



19.8120, 0.3220, 0.3329



0.0000, 0.0000, 0.0000



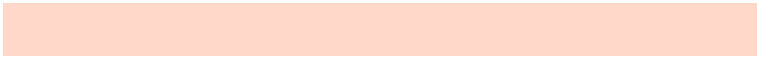
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9944, 0.3439, 0.3413



74.7199, 0.3521, 0.3442



72.7978, 0.3403, 0.3623



15.0115, 0.3286, 0.3355



11.7388, 0.6015, 0.3606



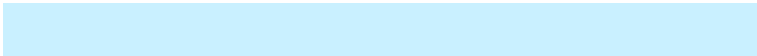
1.0195, 0.5728, 0.3834

Inverse Universe

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



68.0028, 0.2860, 0.3164



82.1590, 0.2802, 0.3133



58.3022, 0.2849, 0.2933



15.6291, 0.2981, 0.3224



19.0103, 0.1992, 0.2371



1.5583, 0.2034, 0.2521

Previews

White Background



This preview shows how the Yxy color 62.9916, 0.3439, 0.3413 looks on a white background.

Color Contrast Check

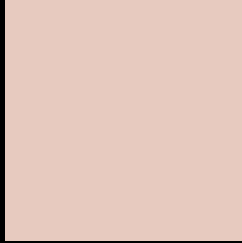
Large Text (above 18pt) WCAG AA × Fail

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 62.9916, 0.3439, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

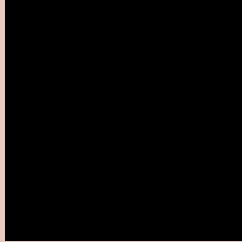
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9916, 0.3439, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 62.9916, 0.3439, 0.3413.



This preview shows how white text looks on a background with the Yxy color 62.9916, 0.3439, 0.3413.

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

62.9916, 0.3439, 0.3413

Protanopia

62.9678, 0.3282, 0.3440

Deuteranopia

63.0273, 0.3465, 0.3401



Tritanopia

63.1943, 0.3292, 0.3128

Trichromacy



Original Color

62.9916, 0.3439, 0.3413

Protanomaly

62.8851, 0.3339, 0.3427

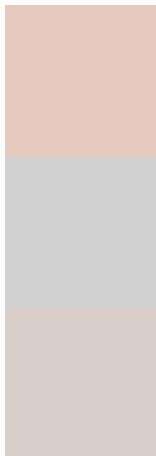
Deuteranomaly

62.8585, 0.3457, 0.3401

Tritanomaly

63.0884, 0.3343, 0.3225

Monochromacy



Original Color

62.9916, 0.3439, 0.3413

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1586, 0.3240, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9916, 0.3439, 0.3413 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, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(231, 202, 191)  
}
```

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, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 202, 191) }
```

Border

The CSS property to change the border of an element to Yxy 62.9916, 0.3439, 0.3413 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, 202, 191) }
```

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

```
.border{ border-color:rgb(231, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(231, 202,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9916, 0.3439, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 202, 191) }
```

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

```
.background{ background-color: rgb(231,  
202, 191) }
```

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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