

Converting Colors

$Yxy(63.5222, 0.3352, 0.3290)$

Have a look what the booklet for
Yxy(63.5222, 0.3352, 0.3290)
contains.

Yxy(63.4943, 0.3355, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.4943, 0.3355, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	E7CACA
RGB	231, 202, 202
RGB Percent	91%, 79%, 79%
CMY	0.0942, 0.2078, 0.2079
CMYK	0.00, 0.13, 0.13, 0.09
HSL	0°, 38%, 85%
HSV	0°, 13%, 91%
XYZ	64.7291, 63.4943, 64.7098
YIQ	210.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

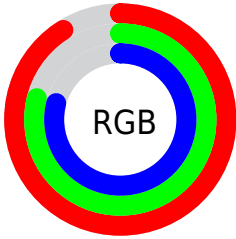
Format	Color
R _Y B	231, 202, 202
Decimal	15190730
CIE Lab	83.70, 10.15, 3.75
CIE LCh	84, 10.824, 20.262
Yxy	63.4943, 0.3355, 0.3291
Android (android.graphics.Color)	4293380810 (0xFFE7CACA)
YUV	210.6710, -4.2748, 17.8285
Hunter-Lab	79.6833, 5.5550, 7.6297

Details

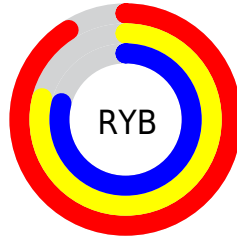
The Yxy color **63.4943, 0.3355, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4441, 0.2936, 0.3289**, and the grayscale version is **64.9329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4319, 0.3411, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **52.4529, 0.3589, 0.3292**, and if you desaturate by 10%, it is **76.3237, 0.3168, 0.3290**.

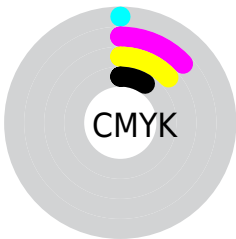
Distribution



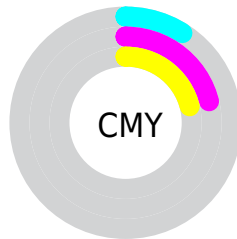
- Red (91%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4943, 0.3355, 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 63.4943, 0.3355, 0.3291 by changing the saturation by 10% instead.

 63.4943, 0.3355,
0.3291

 63.4943, 0.3355,
0.3291


437.3612, 0.3246,
0.3291

 46.2412, 0.3381,
0.3291


109.8823, 0.3317,
0.3291

 32.4362, 0.3413,
0.3290


139.7860, 0.3302,
0.3291

 21.6949, 0.3454,
0.3289


174.6754, 0.3289,
0.3291

 13.6329, 0.3510,
0.3288

214.9349, 0.3279,
0.3292

 7.8658, 0.3588,
0.3285

260.9488, 0.3269,
0.3292

 4.0092, 0.3705,
0.3279

313.1015, 0.3261,

 1.6787, 0.3903,

0.3292

0.3266

371.7775, 0.3253,
0.3291

0.4098, 0.5176,
0.3328

0.0000, 0.0000,
0.0000

63.4943, 0.3355,
0.3291

63.4943, 0.3355,
0.3291

52.4529, 0.3589,
0.3292

76.3237, 0.3168,
0.3290

43.1122, 0.3880,
0.3293

91.0067, 0.3019,
0.3290

35.3904, 0.4238,
0.3295

95.7253, 0.2981,
0.3290

29.1954, 0.4661,
0.3296

■ 24.4259, 0.5134,
0.3298

■ 20.9686, 0.5611,
0.3299

■ 18.6928, 0.6022,
0.3300

■ 17.4411, 0.6293,
0.3300

■ 16.9909, 0.6400,
0.3300

Harmonies

Analogous

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



63.4943, 0.3251, 0.3178



63.4943, 0.3355, 0.3291



63.4943, 0.3397, 0.3407

Triad

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



63.4943, 0.3355, 0.3291



63.4943, 0.3135, 0.3498



63.4943, 0.2894, 0.3084

Complementary

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



63.4943, 0.3355, 0.3291



75.4441, 0.2936, 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.



63.4943, 0.2865, 0.3164



63.4943, 0.3355, 0.3291



63.4943, 0.3002, 0.3406

Square

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



63.4943, 0.3355, 0.3291



63.4943, 0.3268, 0.3530



63.4943, 0.2904, 0.3283



63.4943, 0.2984, 0.3059

Rectangle

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



63.4943, 0.3355, 0.3291



63.4943, 0.3384, 0.3471



63.4943, 0.2904, 0.3283



63.4943, 0.2877, 0.3105

Sweetspot

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



63.4971, 0.3355, 0.3291



93.0311, 0.3193, 0.3290



64.9867, 0.3142, 0.2981



19.6409, 0.3206, 0.3290



0.0000, 0.0000, 0.0000



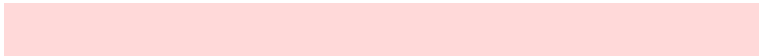
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4971, 0.3355, 0.3291



75.7757, 0.3409, 0.3291



70.6072, 0.3334, 0.3448



14.3706, 0.3293, 0.3291



9.5286, 0.6400, 0.3300



0.7050, 0.6397, 0.3302

Inverse Universe

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



75.4441, 0.2936, 0.3289



93.4262, 0.2899, 0.3289



67.6809, 0.2932, 0.3127



16.3335, 0.2982, 0.3289



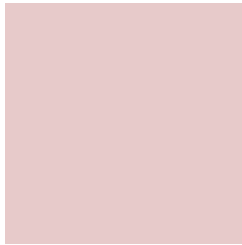
35.1950, 0.2246, 0.3284



2.6017, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 63.4943, 0.3355, 0.3291 looks on a white background.

Color Contrast Check

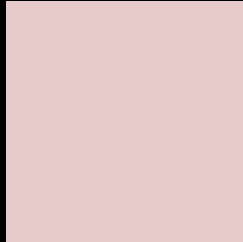
Large Text (above 18pt) WCAG AA × Fail

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 63.4943, 0.3355, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

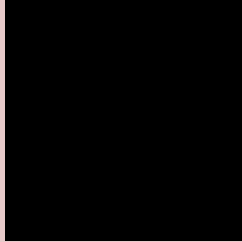
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4943, 0.3355, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 63.4943, 0.3355, 0.3291.



This preview shows how white text looks on a background with the Yxy color 63.4943, 0.3355, 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

63.4943, 0.3355, 0.3291

Protanopia

63.6657, 0.3186, 0.3324

Deuteranopia

63.4943, 0.3355, 0.3291



Tritanopia

63.5901, 0.3268, 0.3118

Trichromacy



Original Color

63.4943, 0.3355, 0.3291

Protanomaly

63.7179, 0.3249, 0.3313

Deuteranomaly

63.4943, 0.3355, 0.3291

Tritanomaly

63.6322, 0.3296, 0.3182

Monochromacy



Original Color

63.4943, 0.3355, 0.3291

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5712, 0.3203, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4943, 0.3355, 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(231, 202, 202)` looks like.

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

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, 202) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 63.4943, 0.3355, 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(231, 202, 202) }
```

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

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

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, 202) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 63.4943, 0.3355, 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(231, 202, 202) }
```

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

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

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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