

Converting Colors

Yxy(55.3454, 0.3407, 0.3290)

Have a look what the booklet for
Yxy(55.3454, 0.3407, 0.3290)
contains.

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Color

Yxy(55.5989, 0.3404, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	DEBDBD
RGB	222, 189, 189
RGB Percent	87%, 74%, 74%
CMY	0.1294, 0.2588, 0.2589
CMYK	0.00, 0.15, 0.15, 0.13
HSL	0°, 33%, 81%
HSV	0°, 15%, 87%
XYZ	57.5079, 55.5989, 55.8354
YIQ	198.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

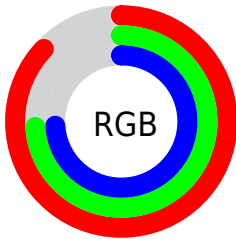
Format	Color
R _Y B	222, 189, 189
Decimal	14597565
CIE Lab	79.38, 11.75, 4.37
CIE LCh	79, 12.541, 20.410
Yxy	55.5989, 0.3404, 0.3291
Android (android.graphics.Color)	4292787645 (0xFFDEBDBD)
YUV	198.8670, -4.8644, 20.2876
Hunter-Lab	74.5647, 7.1798, 7.7978

Details

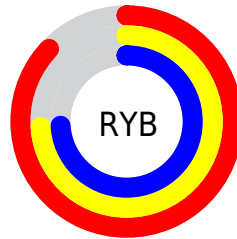
The Yxy color $55.5989, 0.3404, 0.3291$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.3299, 0.2902, 0.3289$, and the grayscale version is $57.0504, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1574, 0.3192, 0.3290$, and $27.6014, 0.3480, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $45.8829, 0.3650, 0.3292$, and if you desaturate by 10%, it is $66.9278, 0.3208, 0.3290$.

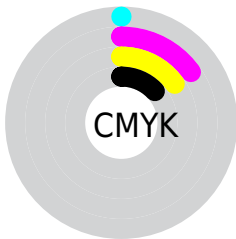
Distribution



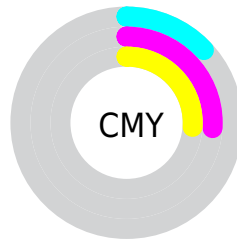
- Red (87%)
- Green (74%)
- Blue (74%)



- Red (87%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5989, 0.3404, 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 55.5989, 0.3404, 0.3291 by changing the saturation by 10% instead.

 55.5989, 0.3404,
0.3291

 55.5989, 0.3404,
0.3291


408.1782, 0.3269,
0.3292

 39.8814, 0.3437,
0.3290


 98.4179, 0.3356,
0.3292

 27.4461, 0.3478,
0.3290


126.2882, 0.3337,
0.3292

 17.9085, 0.3533,
0.3288


158.9782, 0.3322,
0.3292

 10.8843, 0.3607,
0.3285

196.8724, 0.3308,
0.3292

 5.9891, 0.3714,
0.3280

240.3551, 0.3296,
0.3292

 2.8385, 0.3883,
0.3269

289.8106, 0.3286,

 1.0480, 0.4193,

0.3292

0.3248

345.6236, 0.3277,
0.3292

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5989, 0.3404,
0.3291

55.5989, 0.3404,
0.3291

45.8829, 0.3650,
0.3292

66.9278, 0.3208,
0.3290

37.6994, 0.3955,
0.3293

79.9303, 0.3051,
0.3290

30.9726, 0.4326,
0.3294

94.2713, 0.2929,
0.3289

25.6170, 0.4762,
0.3296

■ 21.5384, 0.5240,
0.3297

■ 18.6305, 0.5708,
0.3298

■ 16.7704, 0.6094,
0.3299

■ 15.8072, 0.6328,
0.3300

■ 15.5340, 0.6400,
0.3300

Harmonies

Analogous

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



55.5989, 0.3277, 0.3155



55.5989, 0.3404, 0.3291



55.5989, 0.3455, 0.3431

Triad

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



55.5989, 0.3404, 0.3291



55.5989, 0.3135, 0.3543



55.5989, 0.2846, 0.3040

Complementary

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



55.5989, 0.3404, 0.3291



68.3299, 0.2902, 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.



55.5989, 0.2811, 0.3136



55.5989, 0.3404, 0.3291



55.5989, 0.2975, 0.3430

Square

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



55.5989, 0.3404, 0.3291



55.5989, 0.3297, 0.3581



55.5989, 0.2857, 0.3279



55.5989, 0.2955, 0.3012

Rectangle

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



55.5989, 0.3404, 0.3291



55.5989, 0.3438, 0.3508



55.5989, 0.2857, 0.3279



55.5989, 0.2825, 0.3065

Sweetspot

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



55.6014, 0.3404, 0.3291



93.0277, 0.3193, 0.3290



57.1945, 0.3144, 0.2924



19.6401, 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.



55.6014, 0.3404, 0.3291



71.5310, 0.3478, 0.3291



63.1060, 0.3376, 0.3478



13.7018, 0.3292, 0.3291



9.2264, 0.6400, 0.3300



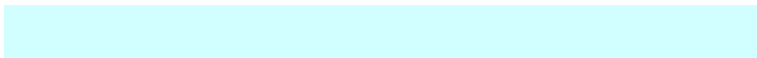
0.6400, 0.6399, 0.3301

Inverse Universe

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



68.3299, 0.2902, 0.3289



92.2936, 0.2855, 0.3289



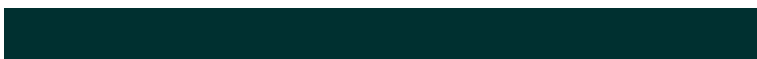
59.9926, 0.2895, 0.3095



15.5710, 0.2982, 0.3289



34.1252, 0.2246, 0.3286



2.3658, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 55.5989, 0.3404, 0.3291 looks on a white background.

Color Contrast Check

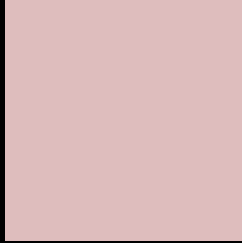
Large Text (above 18pt) WCAG AA × Fail

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 55.5989, 0.3404, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

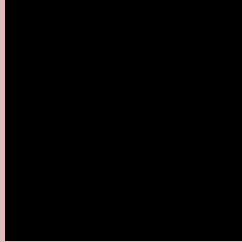
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5989, 0.3404, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 55.5989, 0.3404, 0.3291.



This preview shows how white text looks on a background with the Yxy color 55.5989, 0.3404, 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

55.5989, 0.3404, 0.3291

Protanopia

55.7476, 0.3189, 0.3326

Deuteranopia

55.5611, 0.3377, 0.3302



Tritanopia

55.6522, 0.3318, 0.3121

Trichromacy



Original Color

55.5989, 0.3404, 0.3291

Protanomaly

55.5010, 0.3265, 0.3302

Deuteranomaly

55.7167, 0.3385, 0.3302

Tritanomaly

55.6856, 0.3349, 0.3188

Monochromacy



Original Color

55.5989, 0.3404, 0.3291

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.2357, 0.3224, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5989, 0.3404, 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(222, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(222, 189, 189)  
}
```

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(222, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 189, 189) }
```

Border

The CSS property to change the border of an element to Yxy 55.5989, 0.3404, 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(222, 189, 189) }
```

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

```
.border{ border-color:rgb(222, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 189, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 189, 189); box-shadow:4px 4px 4px 4px rgb(222, 189, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5989, 0.3404, 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(222, 189, 189) }
```

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

```
.background{ background-color: rgb(222,  
189, 189) }
```

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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