

Converting Colors

$Yxy(55.6774, 0.3326, 0.3246)$

Have a look what the booklet for
Yxy(55.6774, 0.3326, 0.3246)
contains.

Yxy(55.6274, 0.3328, 0.3244)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.6274, 0.3328, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DABEC2
RGB	218, 190, 194
RGB Percent	85%, 75%, 76%
CMY	0.1451, 0.2549, 0.2391
CMYK	0.00, 0.13, 0.11, 0.15
HSL	351°, 27%, 80%
HSV	351°, 13%, 85%
XYZ	57.0678, 55.6274, 58.7826
YIQ	198.8280, 15.4040, 7.1800

Conversions

Conversions Part 2

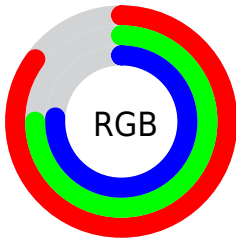
Format	Color
R _Y B	218, 190, 194
Decimal	14335682
CIE Lab	79.40, 10.60, 1.63
CIE LCh	79, 10.727, 8.757
Yxy	55.6274, 0.3328, 0.3244
Android (android.graphics.Color)	4292525762 (0xFFDABEC2)
YUV	198.8280, -2.3802, 16.8138
Hunter-Lab	74.5838, 6.0577, 5.4797

Details

The Yxy color **55.6274, 0.3328, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9473, 0.2957, 0.3337**, and the grayscale version is **57.0129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0737, 0.3161, 0.3252**, and **27.5713, 0.3387, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **46.0949, 0.3528, 0.3206**, and if you desaturate by 10%, it is **66.6827, 0.3167, 0.3280**.

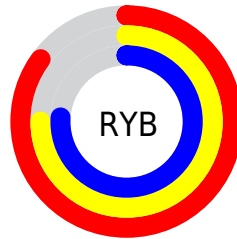
Distribution



Red (85%)

Green (75%)

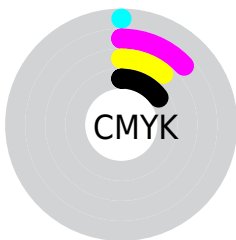
Blue (76%)



Red (85%)

Yellow (75%)

Blue (76%)

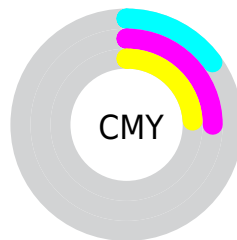


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6274, 0.3328, 0.3244 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 55.6274, 0.3328, 0.3244 by changing the saturation by 10% instead.


 55.6274, 0.3328,
0.3244

 55.6274, 0.3328,
0.3244


408.2858, 0.3230,
0.3267

 39.9043, 0.3352,
0.3238


 98.4596, 0.3293,
0.3252

 27.4639, 0.3382,
0.3231


126.3374, 0.3280,
0.3255

 17.9219, 0.3421,
0.3222


159.0356, 0.3268,
0.3258

 10.8940, 0.3474,
0.3209

196.9386, 0.3259,
0.3260

 5.9956, 0.3551,
0.3189

240.4307, 0.3250,
0.3262

 2.8424, 0.3672,
0.3158

289.8963, 0.3243,

 1.0500, 0.3888,

0.3264

0.3100

345.7199, 0.3236,
0.3266

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6274, 0.3328,
0.3244

55.6274, 0.3328,
0.3244

46.0949, 0.3528,
0.3206

66.6827, 0.3167,
0.3280

38.0113, 0.3775,
0.3167

79.3156, 0.3037,
0.3314

31.3079, 0.4077,
0.3129

93.3303, 0.2932,
0.3340

25.9073, 0.4437,
0.3098

93.6463, 0.2906,
0.3289

■ 21.7244, 0.4847,
0.3080

■ 18.6641, 0.5285,
0.3081

■ 16.6171, 0.5704,
0.3108

■ 15.4521, 0.6047,
0.3161

■ 15.0070, 0.6225,
0.3203

Harmonies

Analogous

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



55.6274, 0.3203, 0.3135



55.6274, 0.3328, 0.3244



55.6274, 0.3399, 0.3366

Triad

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



55.6274, 0.3328, 0.3244



55.6274, 0.3190, 0.3526



55.6274, 0.2866, 0.3102

Complementary

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



55.6274, 0.3328, 0.3244



65.9473, 0.2957, 0.3337

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.



55.6274, 0.2863, 0.3204



55.6274, 0.3328, 0.3244



55.6274, 0.3048, 0.3453

Square

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



55.6274, 0.3328, 0.3244



55.6274, 0.3318, 0.3533



55.6274, 0.2929, 0.3333



55.6274, 0.2937, 0.3053

Rectangle

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



55.6274, 0.3328, 0.3244



55.6274, 0.3405, 0.3441



55.6274, 0.2929, 0.3333



55.6274, 0.2857, 0.3131

Sweetspot

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



55.6299, 0.3328, 0.3244



93.1140, 0.3184, 0.3276



56.1564, 0.3109, 0.2972



19.6618, 0.3196, 0.3273



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.



55.6299, 0.3328, 0.3244



76.0441, 0.3370, 0.3235



59.8413, 0.3345, 0.3403



13.0819, 0.3269, 0.3257



8.9997, 0.6199, 0.3188



0.5930, 0.5809, 0.2974

Inverse Universe

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



55.6299, 0.3328, 0.3244



76.0441, 0.3370, 0.3235



61.2209, 0.2929, 0.3174



13.0819, 0.3269, 0.3257



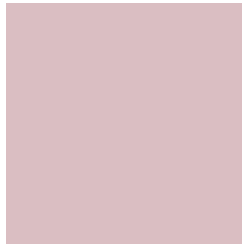
8.9997, 0.6199, 0.3188



0.5930, 0.5809, 0.2974

Previews

White Background



This preview shows how the Yxy color 55.6274, 0.3328, 0.3244 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 55.6274, 0.3328, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

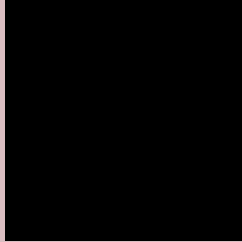
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6274, 0.3328, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 55.6274, 0.3328, 0.3244.



This preview shows how white text looks on a background with the Yxy color 55.6274, 0.3328, 0.3244.

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

55.6274, 0.3328, 0.3244

Protanopia

55.7904, 0.3152, 0.3278

Deuteranopia

55.4737, 0.3320, 0.3244



Tritanopia

55.7671, 0.3266, 0.3130

Trichromacy



Original Color

55.6274, 0.3328, 0.3244

Protanomaly

55.8345, 0.3217, 0.3267

Deuteranomaly

55.4737, 0.3320, 0.3244

Tritanomaly

55.6254, 0.3290, 0.3164

Monochromacy



Original Color

55.6274, 0.3328, 0.3244

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6329, 0.3200, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6274, 0.3328, 0.3244 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(218, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 194)  
}
```

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(218, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 55.6274, 0.3328, 0.3244 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(218, 190, 194) }
```

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

```
.border{ border-color:rgb(218, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6274, 0.3328, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 194) }
```

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

```
.background{ background-color: rgb(218,  
190, 194) }
```

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