

Converting Colors

$Yxy(55.3568, 0.3345, 0.3249)$

Have a look what the booklet for
Yxy(55.3568, 0.3345, 0.3249)
contains.

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Color

Yxy(55.3055, 0.3346, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDC1
RGB	219, 189, 193
RGB Percent	86%, 74%, 76%
CMY	0.1411, 0.2588, 0.2430
CMYK	0.00, 0.14, 0.12, 0.14
HSL	352°, 29%, 80%
HSV	352°, 14%, 86%
XYZ	57.0445, 55.3055, 58.1356
YIQ	198.4260, 16.5960, 7.6040

Conversions

Conversions Part 2

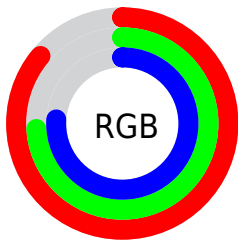
Format	Color
R _Y B	219, 189, 193
Decimal	14400961
CIE Lab	79.22, 11.34, 1.91
CIE LCh	79, 11.499, 9.586
Yxy	55.3055, 0.3346, 0.3244
Android (android.graphics.Color)	4292591041 (0xFFDBBDC1)
YUV	198.4260, -2.6750, 18.0434
Hunter-Lab	74.3677, 6.7768, 5.7085

Details

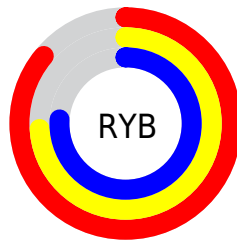
The Yxy color **55.3055, 0.3346, 0.3244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4003, 0.2944, 0.3337**, and the grayscale version is **56.7572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4044, 0.3168, 0.3252**, and **27.3943, 0.3401, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **45.7934, 0.3552, 0.3208**, and if you desaturate by 10%, it is **66.3539, 0.3180, 0.3278**.

Distribution



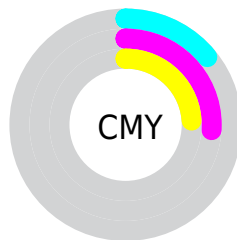
- Red (86%)
- Green (74%)
- Blue (76%)



- Red (86%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3055, 0.3346, 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 55.3055, 0.3346, 0.3244 by changing the saturation by 10% instead.


 55.3055, 0.3346,
0.3244

 55.3055, 0.3346,
0.3244

407.0689, 0.3239,
0.3267

 39.6464, 0.3372,
0.3238


 97.9884, 0.3308,
0.3252

 27.2629, 0.3405,
0.3231

125.7810, 0.3293,
0.3255

 17.7708, 0.3447,
0.3221


158.3868, 0.3281,
0.3258

 10.7856, 0.3506,
0.3208

196.1903, 0.3270,
0.3260

 5.9228, 0.3590,
0.3188

239.5759, 0.3261,
0.3262

 2.7982, 0.3723,
0.3156

288.9279, 0.3253,

 1.0273, 0.3961,

0.3264

0.3095

344.6308, 0.3246,
0.3266

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3055, 0.3346,
0.3244

55.3055, 0.3346,
0.3244

45.7934, 0.3552,
0.3208

66.3539, 0.3180,
0.3278

37.7426, 0.3807,
0.3172

78.9946, 0.3047,
0.3309

31.0827, 0.4118,
0.3137

93.2901, 0.2939,
0.3338

25.7347, 0.4487,
0.3109

93.8040, 0.2912,
0.3289

■ 21.6117, 0.4905,
0.3094

■ 18.6161, 0.5347,
0.3098

■ 16.6357, 0.5763,
0.3126

■ 15.5345, 0.6094,
0.3179

■ 15.1548, 0.6244,
0.3213

Harmonies

Analogous

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



55.3055, 0.3212, 0.3127



55.3055, 0.3346, 0.3244



55.3055, 0.3420, 0.3375

Triad

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



55.3055, 0.3346, 0.3244



55.3055, 0.3191, 0.3543



55.3055, 0.2848, 0.3086

Complementary

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



55.3055, 0.3346, 0.3244



66.4003, 0.2944, 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.



55.3055, 0.2843, 0.3193



55.3055, 0.3346, 0.3244



55.3055, 0.3038, 0.3462

Square

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



55.3055, 0.3346, 0.3244



55.3055, 0.3329, 0.3552



55.3055, 0.2912, 0.3332



55.3055, 0.2926, 0.3036

Rectangle

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



55.3055, 0.3346, 0.3244



55.3055, 0.3425, 0.3455



55.3055, 0.2912, 0.3332



55.3055, 0.2838, 0.3116

Sweetspot

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



55.3080, 0.3346, 0.3244



93.1081, 0.3185, 0.3277



55.8829, 0.3107, 0.2949



19.6603, 0.3196, 0.3274



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.



55.3080, 0.3346, 0.3244



74.6048, 0.3392, 0.3235



59.8174, 0.3362, 0.3411



13.0799, 0.3271, 0.3259



8.9929, 0.6218, 0.3199



0.5920, 0.5843, 0.2993

Inverse Universe

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



55.3080, 0.3346, 0.3244



74.6048, 0.3392, 0.3235



61.2968, 0.2915, 0.3165



13.0799, 0.3271, 0.3259



8.9929, 0.6218, 0.3199



0.5920, 0.5843, 0.2993

Previews

White Background



This preview shows how the Yxy color 55.3055, 0.3346, 0.3244 looks on a white background.

Color Contrast Check

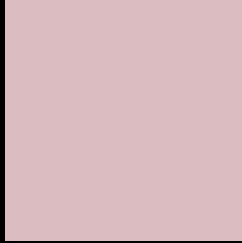
Large Text (above 18pt) WCAG AA × Fail

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 55.3055, 0.3346, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

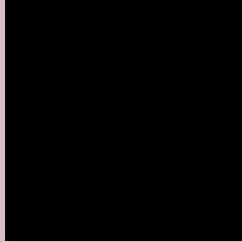
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3055, 0.3346, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 55.3055, 0.3346, 0.3244.



This preview shows how white text looks on a background with the Yxy color 55.3055, 0.3346, 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

55.3055, 0.3346, 0.3244

Protanopia

55.3408, 0.3152, 0.3266

Deuteranopia

55.4289, 0.3328, 0.3256



Tritanopia

55.4464, 0.3284, 0.3130

Trichromacy



Original Color

55.3055, 0.3346, 0.3244

Protanomaly

55.3908, 0.3218, 0.3255

Deuteranomaly

55.5826, 0.3336, 0.3256

Tritanomaly

55.3056, 0.3308, 0.3164

Monochromacy



Original Color

55.3055, 0.3346, 0.3244

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1375, 0.3208, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3055, 0.3346, 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(219, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 193)  
}
```

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(219, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 193) }
```

Border

The CSS property to change the border of an element to Yxy 55.3055, 0.3346, 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(219, 189, 193) }
```

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

```
.border{ border-color:rgb(219, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3055, 0.3346, 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(219, 189, 193) }
```

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

```
.background{ background-color: rgb(219,  
189, 193) }
```

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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