

Converting Colors

$Yxy(60.5231, 0.3988, 0.3228)$

Have a look what the booklet for
Yxy(60.5231, 0.3988, 0.3228)
contains.

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Color

Yxy(55.6881, 0.3781, 0.3229)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB0B6 |
| RGB | 255, 176, 182 |
| RGB Percent | 100%, 69%, 71% |
| CMY | 0.0000, 0.3098, 0.2863 |
| CMYK | 0.00, 0.31, 0.29, 0.00 |
| HSL | 355°, 100%, 85% |
| HSV | 355°, 31%, 100% |
| XYZ | 65.2080, 55.6881, 51.5662 |
| YIQ | 200.3050, 45.1580, 18.6140 |

Conversions

Conversions Part 2

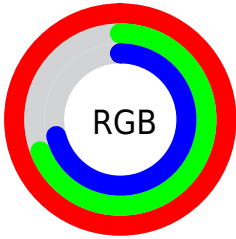
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 176, 182 |
| Decimal | 16756918 |
| CIE Lab | 79.44, 29.62, 8.65 |
| CIE LCh | 79, 30.860, 16.278 |
| Yxy | 55.6881, 0.3781, 0.3229 |
| Android (android.graphics.Color) | 4294946998 (0xFFFFB0B6) |
| YUV | 200.3050, -9.0244, 47.9675 |
| Hunter-Lab | 74.6245, 25.3833, 11.2671 |

Details

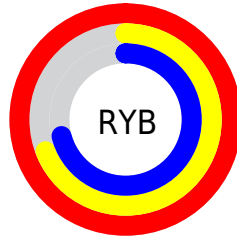
The Yxy color **55.6881, 0.3781, 0.3229** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.5900, 0.2710, 0.3354**, and the grayscale version is **57.9940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1463, 0.3246, 0.3231**, and **27.6212, 0.3962, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **45.7184, 0.4102, 0.3210**, and if you desaturate by 10%, it is **67.7051, 0.3520, 0.3249**.

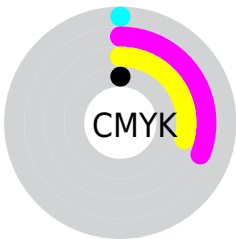
Distribution



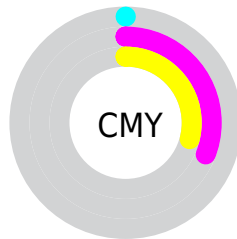
- Red (100%)
- Green (69%)
- Blue (71%)



- Red (100%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6881, 0.3781, 0.3229 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 55.6881, 0.3781, 0.3229 by changing the saturation by 10% instead.

 55.6881, 0.3781,
0.3229

 55.6881, 0.3781,
0.3229


408.5150, 0.3461,
0.3265

 39.9529, 0.3859,
0.3219

 98.5484, 0.3666,
0.3243

 27.5018, 0.3957,
0.3205


126.4423, 0.3623,
0.3248

 17.9505, 0.4085,
0.3185


159.1579, 0.3586,
0.3252

 10.9144, 0.4259,
0.3156

197.0796, 0.3554,
0.3256

 6.0093, 0.4509,
0.3109

240.5917, 0.3526,
0.3258

 2.8508, 0.4893,
0.3024

290.0787, 0.3502,

 1.0543, 0.5641,

0.3261

0.2896

345.9250, 0.3480,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6881, 0.3781,
0.3229

55.6881, 0.3781,
0.3229

45.7184, 0.4102,
0.3210

67.7051, 0.3520,
0.3249

37.6745, 0.4488,
0.3194

81.8664, 0.3310,
0.3269

31.4343, 0.4928,
0.3185

98.2721, 0.3142,
0.3288

26.8585, 0.5393,
0.3188

99.9997, 0.3127,
0.3290

■ 23.7875, 0.5827,
0.3205

■ 22.0301, 0.6161,
0.3236

■ 21.3078, 0.6340,
0.3266

Harmonies

Analogous

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



55.6881, 0.3438, 0.2929



55.6881, 0.3781, 0.3229



55.6881, 0.3937, 0.3559

Triad

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



55.6881, 0.3781, 0.3229



55.6881, 0.3188, 0.3965



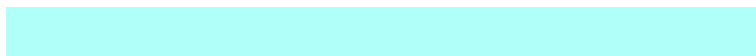
55.6881, 0.2434, 0.2703

Complementary

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



55.6881, 0.3781, 0.3229



87.5900, 0.2710, 0.3354

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.



55.6881, 0.2380, 0.2937



55.6881, 0.3781, 0.3229



55.6881, 0.2798, 0.3694

Square

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



55.6881, 0.3781, 0.3229



55.6881, 0.3578, 0.4013



55.6881, 0.2507, 0.3301



55.6881, 0.2662, 0.2631

Rectangle

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



55.6881, 0.3781, 0.3229



55.6881, 0.3910, 0.3762



55.6881, 0.2507, 0.3301



55.6881, 0.2396, 0.2764

Sweetspot

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



55.6907, 0.3781, 0.3229



84.9299, 0.3273, 0.3273



58.3062, 0.3112, 0.2505



17.6942, 0.3300, 0.3270



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.



55.6907, 0.3781, 0.3229



49.4475, 0.3967, 0.3217



69.9565, 0.3731, 0.3632



18.0094, 0.3282, 0.3272



11.1419, 0.6322, 0.3256



1.0922, 0.6150, 0.3162

Inverse Universe

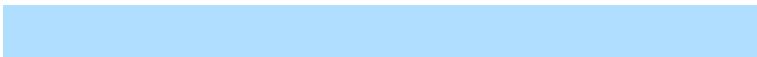
The Inverse Universe completely reimagines the original color for something new.



55.6907, 0.3781, 0.3229



49.4475, 0.3967, 0.3217



68.7389, 0.2638, 0.2920



18.0094, 0.3282, 0.3272



11.1419, 0.6322, 0.3256



1.0922, 0.6150, 0.3162

Previews

White Background



This preview shows how the Yxy color 55.6881, 0.3781, 0.3229 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 55.6881, 0.3781, 0.3229 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 55.6881, 0.3781, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 55.6881, 0.3781, 0.3229.



This preview shows how white text looks on a background with the Yxy color 55.6881, 0.3781, 0.3229.

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

55.6881, 0.3781, 0.3229

Protanopia

55.8867, 0.3197, 0.3326

Deuteranopia

55.7696, 0.3492, 0.3418



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.6881, 0.3781, 0.3229

Protanomaly

55.4415, 0.3395, 0.3291

Deuteranomaly

55.6554, 0.3599, 0.3347

Tritanomaly

55.4651, 0.3747, 0.3177

Monochromacy



Original Color

55.6881, 0.3781, 0.3229

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.3275, 0.3351, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6881, 0.3781, 0.3229 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(255, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 182)  
}
```

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(255, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.6881, 0.3781, 0.3229 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(255, 176, 182) }
```

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

```
.border{ border-color:rgb(255, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 182); box-shadow:4px 4px 4px 4px rgb(255, 176, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6881, 0.3781, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 182) }
```

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

```
.background{ background-color: rgb(255,  
176, 182) }
```

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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