

Converting Colors

$Yxy(55.7137, 0.3648, 0.3223)$

Have a look what the booklet for
Yxy(55.7137, 0.3648, 0.3223)
contains.

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Color

Yxy(55.7805, 0.3656, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F6B4BA
RGB	246, 180, 186
RGB Percent	96%, 71%, 73%
CMY	0.0352, 0.2941, 0.2707
CMYK	0.00, 0.27, 0.24, 0.04
HSL	355°, 79%, 84%
HSV	355°, 27%, 96%
XYZ	63.1960, 55.7805, 53.8791
YIQ	200.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

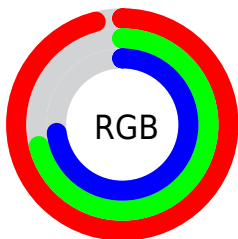
Format	Color
R _Y B	246, 180, 186
Decimal	16168122
CIE Lab	79.49, 24.81, 6.44
CIE LCh	79, 25.636, 14.559
Yxy	55.7805, 0.3656, 0.3227
Android (android.graphics.Color)	4294358202 (0xFFFF6B4BA)
YUV	200.4180, -7.1081, 39.9754
Hunter-Lab	74.6863, 20.3370, 9.5083

Details

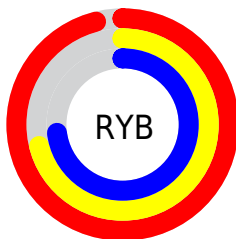
The Yxy color **55.7805, 0.3656, 0.3227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9259, 0.2765, 0.3355**, and the grayscale version is **58.0590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6617, 0.3217, 0.3232**, and **27.6910, 0.3801, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **45.8378, 0.3946, 0.3203**, and if you desaturate by 10%, it is **67.6403, 0.3422, 0.3251**.

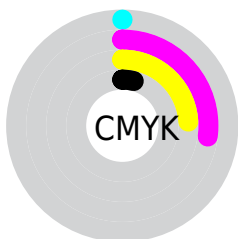
Distribution



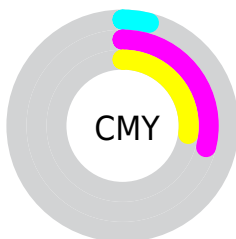
- Red (96%)
- Green (71%)
- Blue (73%)



- Red (96%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7805, 0.3656, 0.3227 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 55.7805, 0.3656, 0.3227 by changing the saturation by 10% instead.


 55.7805, 0.3656,
0.3227

 55.7805, 0.3656,
0.3227


408.8638, 0.3398,
0.3262

 40.0270, 0.3719,
0.3218


 98.6836, 0.3563,
0.3240

 27.5596, 0.3798,
0.3205


126.6019, 0.3528,
0.3245

 17.9939, 0.3902,
0.3188


159.3439, 0.3498,
0.3249

 10.9456, 0.4043,
0.3163

197.2941, 0.3473,
0.3252

 6.0303, 0.4246,
0.3124

240.8368, 0.3450,
0.3255

 2.8635, 0.4560,
0.3056

290.3563, 0.3431,

 1.0609, 0.5143,

0.3257

0.2937

346.2372, 0.3413,
0.3260

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7805, 0.3656,
0.3227

55.7805, 0.3656,
0.3227

45.8378, 0.3946,
0.3203

67.6403, 0.3422,
0.3251

37.7043, 0.4297,
0.3181

81.5022, 0.3234,
0.3275

31.2733, 0.4709,
0.3166

97.4556, 0.3083,
0.3297

26.4237, 0.5162,
0.3162

98.3381, 0.3072,
0.3290

■ 23.0185, 0.5614,
0.3174

■ 20.8973, 0.6002,
0.3203

■ 19.8575, 0.6264,
0.3246

■ 19.6572, 0.6321,
0.3256

Harmonies

Analogous

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



55.7805, 0.3367, 0.2974



55.7805, 0.3656, 0.3227



55.7805, 0.3796, 0.3506

Triad

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



55.7805, 0.3656, 0.3227



55.7805, 0.3202, 0.3852



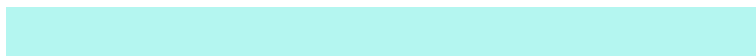
55.7805, 0.2539, 0.2809

Complementary

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



55.7805, 0.3656, 0.3227



81.9259, 0.2765, 0.3355

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.



55.7805, 0.2502, 0.3016



55.7805, 0.3656, 0.3227



55.7805, 0.2872, 0.3639

Square

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



55.7805, 0.3656, 0.3227



55.7805, 0.3523, 0.3886



55.7805, 0.2620, 0.3322



55.7805, 0.2725, 0.2736

Rectangle

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



55.7805, 0.3656, 0.3227



55.7805, 0.3783, 0.3677



55.7805, 0.2620, 0.3322



55.7805, 0.2509, 0.2864

Sweetspot

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



55.7831, 0.3656, 0.3227



86.5301, 0.3254, 0.3272



57.7212, 0.3106, 0.2610



18.0138, 0.3280, 0.3269



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.



55.7831, 0.3656, 0.3227



54.6286, 0.3800, 0.3214



67.2330, 0.3636, 0.3572



16.5069, 0.3279, 0.3269



10.4980, 0.6300, 0.3244



0.9308, 0.6081, 0.3124

Inverse Universe

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



55.7831, 0.3656, 0.3227



54.6286, 0.3800, 0.3214



67.3432, 0.2705, 0.2989



16.5069, 0.3279, 0.3269



10.4980, 0.6300, 0.3244



0.9308, 0.6081, 0.3124

Previews

White Background



This preview shows how the Yxy color 55.7805, 0.3656, 0.3227 looks on a white background.

Color Contrast Check

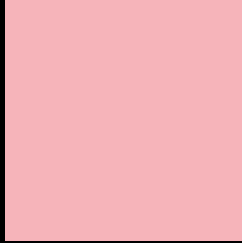
Large Text (above 18pt) WCAG AA × Fail

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 55.7805, 0.3656, 0.3227 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 55.7805, 0.3656, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 55.7805, 0.3656, 0.3227.



This preview shows how white text looks on a background with the Yxy color 55.7805, 0.3656, 0.3227.

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

55.7805, 0.3656, 0.3227

Protanopia

55.8375, 0.3174, 0.3302

Deuteranopia

55.6598, 0.3434, 0.3360



Tritanopia

55.8646, 0.3605, 0.3142

Trichromacy



Original Color

55.7805, 0.3656, 0.3227

Protanomaly

55.3844, 0.3336, 0.3267

Deuteranomaly

55.4436, 0.3511, 0.3302

Tritanomaly

55.7321, 0.3631, 0.3174

Monochromacy



Original Color

55.7805, 0.3656, 0.3227

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8318, 0.3308, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7805, 0.3656, 0.3227 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(246, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 186)  
}
```

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(246, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.7805, 0.3656, 0.3227 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(246, 180, 186) }
```

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

```
.border{ border-color:rgb(246, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7805, 0.3656, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 186) }
```

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

```
.background{ background-color: rgb(246,  
180, 186) }
```

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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