

Converting Colors

$Yxy(55.2168, 0.3433, 0.3065)$

Have a look what the booklet for
Yxy(55.2168, 0.3433, 0.3065)
contains.

Yxy(55.1449, 0.3428, 0.3060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.1449, 0.3428, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	ECB5CA
RGB	236, 181, 202
RGB Percent	93%, 71%, 79%
CMY	0.0746, 0.2902, 0.2077
CMYK	0.00, 0.23, 0.14, 0.07
HSL	337°, 59%, 82%
HSV	337°, 23%, 93%
XYZ	61.7767, 55.1449, 63.2905
YIQ	199.8390, 26.0390, 18.1910

Conversions

Conversions Part 2

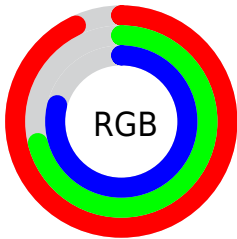
Format	Color
R _Y B	236, 181, 202
Decimal	15513034
CIE Lab	79.12, 23.09, -2.90
CIE LCh	79, 23.272, 352.830
Yxy	55.1449, 0.3428, 0.3060
Android (android.graphics.Color)	4293703114 (0xFFECB5CA)
YUV	199.8390, 1.0654, 31.7132
Hunter-Lab	74.2596, 18.5401, 1.4496

Details

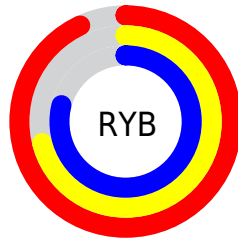
The Yxy color **55.1449, 0.3428, 0.3060** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7110, 0.2899, 0.3533**, and the grayscale version is **57.6381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **27.2798, 0.3513, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **45.6910, 0.3605, 0.2956**, and if you desaturate by 10%, it is **66.2943, 0.3282, 0.3162**.

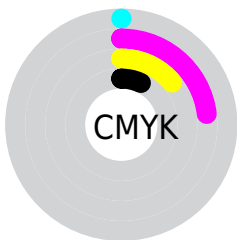
Distribution



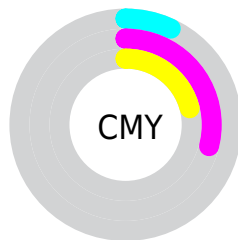
- Red (93%)
- Green (71%)
- Blue (79%)



- Red (93%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1449, 0.3428, 0.3060 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 55.1449, 0.3428, 0.3060 by changing the saturation by 10% instead.


 55.1449, 0.3428,
0.3060

 55.1449, 0.3428,
0.3060


406.4610, 0.3283,
0.3170

 39.5177, 0.3463,
0.3034


 97.7532, 0.3376,
0.3099

 27.1627, 0.3507,
0.3001


125.5032, 0.3356,
0.3114

 17.6955, 0.3564,
0.2958

158.0629, 0.3340,
0.3127

 10.7316, 0.3642,
0.2901

195.8167, 0.3325,
0.3138

 5.8866, 0.3753,
0.2820

239.1490, 0.3312,
0.3148

 2.7763, 0.3924,
0.2697

288.4442, 0.3301,

 1.0161, 0.4222,

0.3156

0.2487

344.0867, 0.3291,
0.3164

0.0000, 0.8286,
0.0000

0.0000, 0.0000,
0.0000

55.1449, 0.3428,
0.3060

55.1449, 0.3428,
0.3060

45.6910, 0.3605,
0.2956

66.2943, 0.3282,
0.3162

37.8415, 0.3818,
0.2854

79.2096, 0.3162,
0.3259

31.5081, 0.4068,
0.2763

93.9661, 0.3064,
0.3350

26.5907, 0.4353,
0.2693

96.5704, 0.3011,
0.3290

■ 22.9771, 0.4666,
0.2657

■ 20.5381, 0.4988,
0.2668

■ 19.1167, 0.5296,
0.2731

■ 18.5735, 0.5487,
0.2796

Harmonies

Analogous

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



55.1449, 0.3120, 0.2874



55.1449, 0.3428, 0.3060



55.1449, 0.3660, 0.3304

Triad

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



55.1449, 0.3428, 0.3060



55.1449, 0.3414, 0.3840



55.1449, 0.2550, 0.2978

Complementary

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



55.1449, 0.3428, 0.3060



74.7110, 0.2899, 0.3533

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.



55.1449, 0.2620, 0.3239



55.1449, 0.3428, 0.3060



55.1449, 0.3111, 0.3760

Square

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



55.1449, 0.3428, 0.3060



55.1449, 0.3648, 0.3757



55.1449, 0.2822, 0.3533



55.1449, 0.2623, 0.2819

Rectangle

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



55.1449, 0.3428, 0.3060



55.1449, 0.3733, 0.3475



55.1449, 0.2822, 0.3533



55.1449, 0.2557, 0.3056

Sweetspot

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



55.1474, 0.3428, 0.3060



88.4457, 0.3204, 0.3224



53.5396, 0.2987, 0.2681



18.7286, 0.3211, 0.3218



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.



55.1474, 0.3428, 0.3060



60.0740, 0.3509, 0.3010



56.8866, 0.3593, 0.3363



15.1494, 0.3233, 0.3200



10.2628, 0.5445, 0.2773



0.8241, 0.5071, 0.2567

Inverse Universe

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



55.1474, 0.3428, 0.3060



60.0740, 0.3509, 0.3010



72.2353, 0.2777, 0.3216



15.1494, 0.3233, 0.3200



10.2628, 0.5445, 0.2773



0.8241, 0.5071, 0.2567

Previews

White Background



This preview shows how the Yxy color 55.1449, 0.3428, 0.3060 looks on a white background.

Color Contrast Check

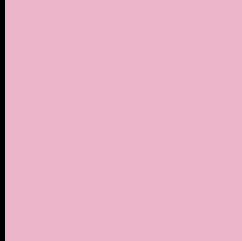
Large Text (above 18pt) WCAG AA × Fail

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 55.1449, 0.3428, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

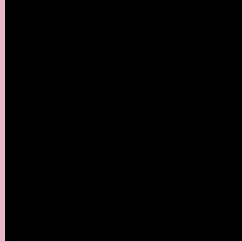
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1449, 0.3428, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 55.1449, 0.3428, 0.3060.



This preview shows how white text looks on a background with the Yxy color 55.1449, 0.3428, 0.3060.

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

55.1449, 0.3428, 0.3060

Protanopia

55.4191, 0.3026, 0.3111

Deuteranopia

55.1432, 0.3239, 0.3174



Tritanopia

55.1036, 0.3469, 0.3136

Trichromacy



Original Color

55.1449, 0.3428, 0.3060

Protanomaly

55.1808, 0.3169, 0.3093

Deuteranomaly

55.1298, 0.3301, 0.3131

Tritanomaly

55.1953, 0.3452, 0.3114

Monochromacy



Original Color

55.1449, 0.3428, 0.3060

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5031, 0.3229, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1449, 0.3428, 0.3060 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(236, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(236, 181, 202)  
}
```

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(236, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 181, 202) }
```

Border

The CSS property to change the border of an element to Yxy 55.1449, 0.3428, 0.3060 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(236, 181, 202) }
```

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

```
.border{ border-color:rgb(236, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(236, 181,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1449, 0.3428, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 181, 202) }
```

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

```
.background{ background-color: rgb(236,  
181, 202) }
```

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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