

Converting Colors

$Y_{xy}(60.5279, 0.3353, 0.3054)$

Have a look what the booklet for
Yxy(60.5279, 0.3353, 0.3054)
contains.

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Color

Yxy(60.5910, 0.3357, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	F0BFD5
RGB	240, 191, 213
RGB Percent	94%, 75%, 84%
CMY	0.0588, 0.2510, 0.1646
CMYK	0.00, 0.20, 0.11, 0.06
HSL	333°, 62%, 85%
HSV	333°, 20%, 94%
XYZ	66.5807, 60.5910, 71.1622
YIQ	208.1590, 22.1420, 17.2300

Conversions

Conversions Part 2

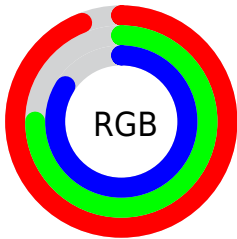
Format	Color
R_{YB}	240, 191, 213
Decimal	15777749
CIE _{Lab}	82.16, 20.96, -4.33
CIE _{LCh}	82, 21.403, 348.341
Yxy	60.5910, 0.3357, 0.3055
Android (android.graphics.Color)	4293967829 (0xFFFF0BFD5)
YUV	208.1590, 2.3866, 27.9246
Hunter-Lab	77.8402, 16.4597, 0.2847

Details

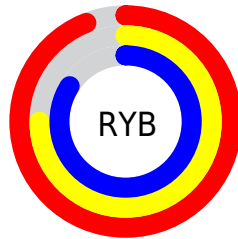
The Yxy color **60.5910, 0.3357, 0.3055** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4586, 0.2944, 0.3538**, and the grayscale version is **63.1614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **30.4272, 0.3414, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **50.3256, 0.3506, 0.2933**, and if you desaturate by 10%, it is **72.6316, 0.3233, 0.3173**.

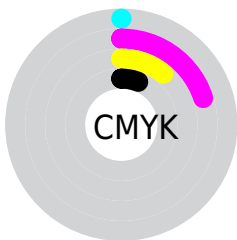
Distribution



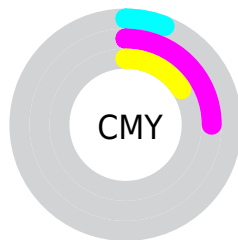
- Red (94%)
- Green (75%)
- Blue (84%)



- Red (94%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5910, 0.3357, 0.3055 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 60.5910, 0.3357, 0.3055 by changing the saturation by 10% instead.


 60.5910, 0.3357,
0.3055

 60.5910, 0.3357,
0.3055


426.7728, 0.3248,
0.3166

 43.8952, 0.3383,
0.3029


 105.6865, 0.3319,
0.3094

 30.5881, 0.3414,
0.2997


134.8550, 0.3304,
0.3109

 20.2854, 0.3456,
0.2957


168.9498, 0.3291,
0.3121

 12.6027, 0.3510,
0.2903

208.3553, 0.3280,
0.3133

 7.1555, 0.3587,
0.2828

253.4560, 0.3271,
0.3142

 3.5596, 0.3701,
0.2717


304.6362, 0.3262,

 1.4304, 0.3891,


0.3151


0.2538


362.2803, 0.3255,
0.3159


 0.2389, 0.4796,
0.1551


 0.0000, 0.0000,
0.0000


 60.5910, 0.3357,
0.3055


 60.5910, 0.3357,
0.3055


 50.3256, 0.3506,
0.2933

 72.6316, 0.3233,
0.3173


 41.7426, 0.3685,
0.2813

 86.5182, 0.3131,
0.3285

 34.7528, 0.3895,
0.2701

 97.1159, 0.3049,
0.3313

 29.2557, 0.4135,
0.2607

 97.2658, 0.3035,
0.3290

■ 25.1390, 0.4400,
0.2545

■ 22.2745, 0.4680,
0.2528

■ 20.5091, 0.4958,
0.2563

■ 19.6073, 0.5210,
0.2644

Harmonies

Analogous

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



60.5910, 0.3080, 0.2899



60.5910, 0.3357, 0.3055



60.5910, 0.3578, 0.3270

Triad

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



60.5910, 0.3357, 0.3055



60.5910, 0.3421, 0.3777



60.5910, 0.2611, 0.3044

Complementary

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



60.5910, 0.3357, 0.3055



78.4586, 0.2944, 0.3538

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.



60.5910, 0.2694, 0.3285



60.5910, 0.3357, 0.3055



60.5910, 0.3155, 0.3727

Square

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



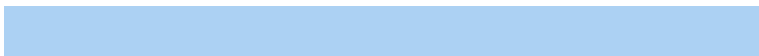
60.5910, 0.3357, 0.3055



60.5910, 0.3613, 0.3687



60.5910, 0.2890, 0.3542



60.5910, 0.2658, 0.2884

Rectangle

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



60.5910, 0.3357, 0.3055



60.5910, 0.3658, 0.3424



60.5910, 0.2890, 0.3542



60.5910, 0.2624, 0.3118

Sweetspot

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



60.5937, 0.3357, 0.3055



90.0933, 0.3186, 0.3224



58.4513, 0.2983, 0.2756



19.0630, 0.3193, 0.3216



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.



60.5937, 0.3357, 0.3055



63.7939, 0.3423, 0.2998



60.6269, 0.3530, 0.3318



15.8770, 0.3223, 0.3184



10.7590, 0.5171, 0.2622



0.9148, 0.4848, 0.2444

Inverse Universe

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



60.5937, 0.3357, 0.3055



63.7939, 0.3423, 0.2998



78.2571, 0.2820, 0.3262



15.8770, 0.3223, 0.3184



10.7590, 0.5171, 0.2622



0.9148, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 60.5910, 0.3357, 0.3055 looks on a white background.

Color Contrast Check

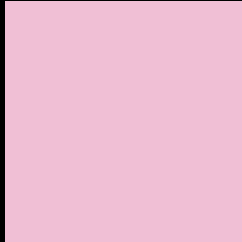
Large Text (above 18pt) WCAG AA × Fail

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 60.5910, 0.3357, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

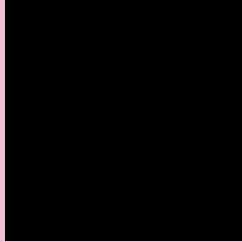
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5910, 0.3357, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 60.5910, 0.3357, 0.3055.



This preview shows how white text looks on a background with the Yxy color 60.5910, 0.3357, 0.3055.

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

60.5910, 0.3357, 0.3055

Protanopia

60.7165, 0.3016, 0.3095

Deuteranopia

60.5138, 0.3205, 0.3134



Tritanopia

60.5550, 0.3395, 0.3129

Trichromacy



Original Color

60.5910, 0.3357, 0.3055

Protanomaly

60.6083, 0.3137, 0.3088

Deuteranomaly

60.2777, 0.3263, 0.3103

Tritanomaly

60.6534, 0.3380, 0.3108

Monochromacy



Original Color

60.5910, 0.3357, 0.3055

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1098, 0.3209, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5910, 0.3357, 0.3055 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(240, 191, 213)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 213)  
}
```

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(240, 191, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 213) }
```

Border

The CSS property to change the border of an element to Yxy 60.5910, 0.3357, 0.3055 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(240, 191, 213) }
```

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

```
.border{ border-color:rgb(240, 191, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 191, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 191, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 191, 213); box-shadow:4px 4px 4px 4px rgb(240, 191, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5910, 0.3357, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 213) }
```

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

```
.background{ background-color: rgb(240,  
191, 213) }
```

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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