

Converting Colors

Yxy(53.4692, 0.3362, 0.3071)

Have a look what the booklet for
Yxy(53.4692, 0.3362, 0.3071)
contains.

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Color

Yxy(53.5488, 0.3368, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	E3B5C8
RGB	227, 181, 200
RGB Percent	89%, 71%, 78%
CMY	0.1098, 0.2902, 0.2156
CMYK	0.00, 0.20, 0.12, 0.11
HSL	335°, 45%, 80%
HSV	335°, 20%, 89%
XYZ	58.6321, 53.5488, 61.9049
YIQ	196.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

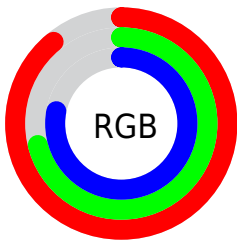
Format	Color
R _Y B	227, 181, 200
Decimal	14923208
CIE Lab	78.20, 19.61, -3.28
CIE LCh	78, 19.880, 350.516
Yxy	53.5488, 0.3368, 0.3076
Android (android.graphics.Color)	4293113288 (0xFFE3B5C8)
YUV	196.9200, 1.5184, 26.3802
Hunter-Lab	73.1770, 14.9609, 1.0669

Details

The Yxy color $53.5488, 0.3368, 0.3076$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $69.3201, 0.2936, 0.3515$, and the grayscale version is $55.7675, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $26.1716, 0.3432, 0.3024$ is the 20% darker color. If you saturate the color by 10%, you get $44.4636, 0.3526, 0.2964$, and if you desaturate by 10%, it is $64.1971, 0.3237, 0.3185$.

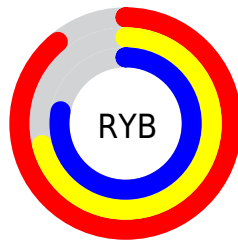
Distribution



Red (89%)

Green (71%)

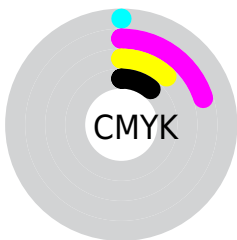
Blue (78%)



Red (89%)

Yellow (71%)

Blue (78%)

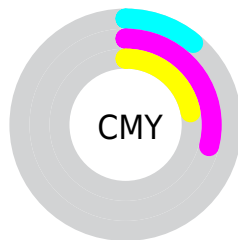


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5488, 0.3368, 0.3076 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 53.5488, 0.3368, 0.3076 by changing the saturation by 10% instead.


 53.5488, 0.3368,
0.3076

 53.5488, 0.3368,
0.3076


400.3871, 0.3251,
0.3179

 38.2411, 0.3396,
0.3051


 95.4114, 0.3326,
0.3113

 26.1698, 0.3432,
0.3020


122.7351, 0.3310,
0.3127

 16.9507, 0.3478,
0.2980


154.8329, 0.3297,
0.3139

 10.1994, 0.3542,
0.2926

192.0892, 0.3285,
0.3149

 5.5313, 0.3632,
0.2849

234.8883, 0.3275,
0.3158

 2.5623, 0.3774,
0.2730

283.6148, 0.3266,

 0.9077, 0.4025,

0.3166

0.2526

338.6529, 0.3258,
0.3173

0.0000, 0.9608,
0.0000

0.0000, 0.0000,
0.0000

53.5488, 0.3368,
0.3076

53.5488, 0.3368,
0.3076

44.4636, 0.3526,
0.2964

64.1971, 0.3237,
0.3185

36.8602, 0.3716,
0.2853

76.4704, 0.3130,
0.3287

30.6607, 0.3940,
0.2750

90.4360, 0.3042,
0.3383

25.7773, 0.4198,
0.2665

94.9620, 0.2967,
0.3307

■ 22.1120, 0.4483,
0.2610

■ 95.0724, 0.2958,
0.3290

■ 19.5532, 0.4785,
0.2598

■ 17.9679, 0.5084,
0.2639

■ 17.1384, 0.5355,
0.2723

Harmonies

Analogous

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



53.5488, 0.3101, 0.2919



53.5488, 0.3368, 0.3076



53.5488, 0.3574, 0.3287

Triad

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



53.5488, 0.3368, 0.3076



53.5488, 0.3395, 0.3762



53.5488, 0.2626, 0.3038

Complementary

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



53.5488, 0.3368, 0.3076



69.3201, 0.2936, 0.3515

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.



53.5488, 0.2698, 0.3267



53.5488, 0.3368, 0.3076



53.5488, 0.3135, 0.3703

Square

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



53.5488, 0.3368, 0.3076



53.5488, 0.3588, 0.3685



53.5488, 0.2881, 0.3517



53.5488, 0.2681, 0.2890

Rectangle

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



53.5488, 0.3368, 0.3076



53.5488, 0.3645, 0.3437



53.5488, 0.2881, 0.3517



53.5488, 0.2636, 0.3107

Sweetspot

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



53.5512, 0.3368, 0.3076



90.0592, 0.3189, 0.3229



51.9805, 0.2996, 0.2764



19.0550, 0.3196, 0.3222



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.



53.5512, 0.3368, 0.3076



64.8748, 0.3426, 0.3033



54.2968, 0.3522, 0.3335



14.4664, 0.3228, 0.3193



10.0162, 0.5317, 0.2703



0.7583, 0.4938, 0.2494

Inverse Universe

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



53.5512, 0.3368, 0.3076



64.8748, 0.3426, 0.3033



68.2392, 0.2822, 0.3245



14.4664, 0.3228, 0.3193



10.0162, 0.5317, 0.2703



0.7583, 0.4938, 0.2494

Previews

White Background



This preview shows how the Yxy color 53.5488, 0.3368, 0.3076 looks on a white background.

Color Contrast Check

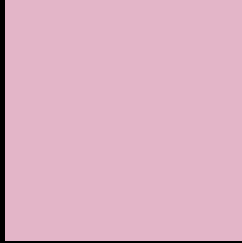
Large Text (above 18pt) WCAG AA × Fail

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 53.5488, 0.3368, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

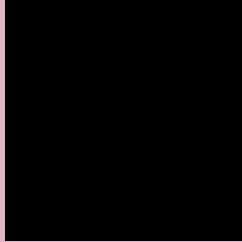
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5488, 0.3368, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 53.5488, 0.3368, 0.3076.



This preview shows how white text looks on a background with the Yxy color 53.5488, 0.3368, 0.3076.

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

53.5488, 0.3368, 0.3076

Protanopia

53.5417, 0.3025, 0.3108

Deuteranopia

53.7916, 0.3224, 0.3161



Tritanopia

53.6102, 0.3392, 0.3132

Trichromacy



Original Color

53.5488, 0.3368, 0.3076

Protanomaly

53.3052, 0.3144, 0.3100

Deuteranomaly

53.4204, 0.3277, 0.3128

Tritanomaly

53.6559, 0.3383, 0.3121

Monochromacy



Original Color

53.5488, 0.3368, 0.3076

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7487, 0.3213, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5488, 0.3368, 0.3076 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(227, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 200)  
}
```

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(227, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.5488, 0.3368, 0.3076 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(227, 181, 200) }
```

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

```
.border{ border-color:rgb(227, 181, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5488, 0.3368, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 200) }
```

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

```
.background{ background-color: rgb(227,  
181, 200) }
```

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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