

Converting Colors

$Yxy(60.2647, 0.3487, 0.3017)$

Have a look what the booklet for
Yxy(60.2647, 0.3487, 0.3017)
contains.

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Color

Yxy(60.2837, 0.3490, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	FDB9D3
RGB	253, 185, 211
RGB Percent	99%, 73%, 83%
CMY	0.0077, 0.2745, 0.1726
CMYK	0.00, 0.27, 0.17, 0.01
HSL	337°, 95%, 86%
HSV	337°, 27%, 99%
XYZ	69.6195, 60.2837, 69.5796
YIQ	208.2960, 32.1820, 22.5020

Conversions

Conversions Part 2

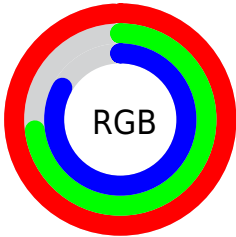
Format	Color
R _Y B	253, 185, 211
Decimal	16628179
CIE Lab	81.99, 28.33, -3.32
CIE LCh	82, 28.527, 353.325
Yxy	60.2837, 0.3490, 0.3022
Android (android.graphics.Color)	4294818259 (0xFFFDDB9D3)
YUV	208.2960, 1.3331, 39.2054
Hunter-Lab	77.6426, 24.1804, 1.2169

Details

The Yxy color $60.2837, 0.3490, 0.3022$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.1298, 0.2866, 0.3576$, and the grayscale version is $63.2558, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $30.2690, 0.3571, 0.2945$ is the 20% darker color. If you saturate the color by 10%, you get $49.8790, 0.3681, 0.2918$, and if you desaturate by 10%, it is $72.6540, 0.3332, 0.3126$.

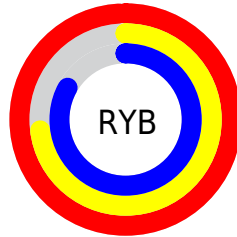
Distribution



Red (99%)

Green (73%)

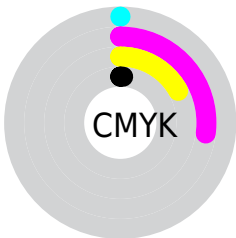
Blue (83%)



Red (99%)

Yellow (73%)

Blue (83%)

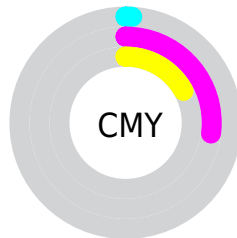


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (27%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2837, 0.3490, 0.3022 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 60.2837, 0.3490, 0.3022 by changing the saturation by 10% instead.

 60.2837, 0.3490,
0.3022

 60.2837, 0.3490,
0.3022

425.6427, 0.3317,
0.3148

 43.6473, 0.3531,
0.2993


 105.2411, 0.3429,
0.3066

 30.3934, 0.3582,
0.2956


134.3309, 0.3406,
0.3083

 20.1374, 0.3647,
0.2909


168.3407, 0.3386,
0.3098

 12.4949, 0.3734,
0.2847

207.6548, 0.3368,
0.3111

 7.0817, 0.3857,
0.2761

252.6577, 0.3353,
0.3122

 3.5132, 0.4041,
0.2634


303.7337, 0.3340,

 1.4052, 0.4345,

0.3132

0.2428


361.2672, 0.3328,
0.3140


 0.2205, 0.5659,
0.1383


 0.0000, 0.0000,
0.0000

 60.2837, 0.3490,
0.3022


 60.2837, 0.3490,
0.3022

 49.8790, 0.3681,
0.2918

 72.6540, 0.3332,
0.3126

 41.3294, 0.3909,
0.2819

 87.0762, 0.3202,
0.3225

 34.5265, 0.4174,
0.2734

 99.6276, 0.3115,
0.3290

 29.3467, 0.4473,
0.2676

■ 25.6502, 0.4793,
0.2657

■ 23.2731, 0.5114,
0.2688

■ 22.0081, 0.5412,
0.2771

■ 21.7439, 0.5499,
0.2803

Harmonies

Analogous

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



60.2837, 0.3122, 0.2804



60.2837, 0.3490, 0.3022



60.2837, 0.3766, 0.3308

Triad

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



60.2837, 0.3490, 0.3022



60.2837, 0.3459, 0.3948



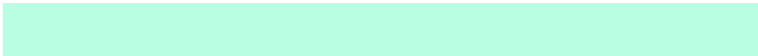
60.2837, 0.2446, 0.2912

Complementary

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



60.2837, 0.3490, 0.3022



86.1298, 0.2866, 0.3576

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.



60.2837, 0.2525, 0.3219



60.2837, 0.3490, 0.3022



60.2837, 0.3098, 0.3852

Square

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



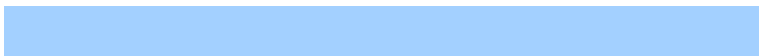
60.2837, 0.3490, 0.3022



60.2837, 0.3741, 0.3845



60.2837, 0.2758, 0.3574



60.2837, 0.2535, 0.2731

Rectangle

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



60.2837, 0.3490, 0.3022



60.2837, 0.3851, 0.3509



60.2837, 0.2758, 0.3574



60.2837, 0.2454, 0.3003

Sweetspot

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



60.2865, 0.3490, 0.3022



86.8822, 0.3216, 0.3214



58.1129, 0.2960, 0.2577



18.1019, 0.3234, 0.3200



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.



60.2865, 0.3490, 0.3022



55.6875, 0.3583, 0.2968



62.5010, 0.3690, 0.3375



18.1019, 0.3234, 0.3200



11.5904, 0.5457, 0.2780



1.1490, 0.5150, 0.2611

Inverse Universe

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



60.2865, 0.3490, 0.3022



55.6875, 0.3583, 0.2968



82.7666, 0.2725, 0.3203



18.1019, 0.3234, 0.3200



11.5904, 0.5457, 0.2780



1.1490, 0.5150, 0.2611

Previews

White Background



This preview shows how the Yxy color 60.2837, 0.3490, 0.3022 looks on a white background.

Color Contrast Check

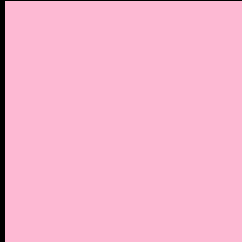
Large Text (above 18pt) WCAG AA × Fail

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 60.2837, 0.3490, 0.3022 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 60.2837, 0.3490, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 60.2837, 0.3490, 0.3022.



This preview shows how white text looks on a background with the Yxy color 60.2837, 0.3490, 0.3022.

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

60.2837, 0.3490, 0.3022

Protanopia

60.6823, 0.2995, 0.3072

Deuteranopia

60.5212, 0.3235, 0.3167



Tritanopia

60.4531, 0.3561, 0.3145

Trichromacy



Original Color

60.2837, 0.3490, 0.3022



Protanomaly

59.9140, 0.3162, 0.3045



Deuteranomaly

60.1167, 0.3321, 0.3105



Tritanomaly

60.2210, 0.3530, 0.3093

Monochromacy



Original Color

60.2837, 0.3490, 0.3022



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.7593, 0.3249, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2837, 0.3490, 0.3022 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(253, 185, 211)` looks like.

```
.text, #text, p{  
    color:rgb(253, 185, 211)  
}
```

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(253, 185, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 185, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.2837, 0.3490, 0.3022 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(253, 185, 211) }
```

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

```
.border{ border-color:rgb(253, 185, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 185, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 185, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 185, 211);  
box-shadow:4px 4px 4px 4px rgb(253, 185,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2837, 0.3490, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 185, 211) }
```

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

```
.background{ background-color: rgb(253,  
185, 211) }
```

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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