

Converting Colors

$Y_{xy}(60.2982, 0.3403, 0.2855)$

Have a look what the booklet for
Yxy(60.2982, 0.3403, 0.2855)
contains.

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Color

Yxy(60.1521, 0.3395, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E1
RGB	255, 182, 225
RGB Percent	100%, 71%, 88%
CMY	0.0000, 0.2862, 0.1177
CMYK	0.00, 0.29, 0.12, 0.00
HSL	325°, 100%, 86%
HSV	325°, 29%, 100%
XYZ	71.5544, 60.1521, 79.0576
YIQ	208.7290, 29.7050, 28.8490

Conversions

Conversions Part 2

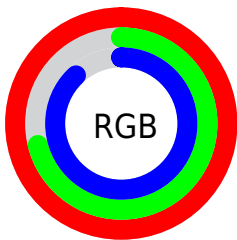
Format	Color
R _Y B	255, 182, 225
Decimal	16758497
CIE Lab	81.92, 32.78, -10.93
CIE LCh	82, 34.553, 341.559
Yxy	60.1521, 0.3395, 0.2854
Android (android.graphics.Color)	4294948577 (0xFFFFB6E1)
YUV	208.7290, 8.0216, 40.5797
Hunter-Lab	77.5578, 28.9571, -6.1461

Details

The Yxy color **60.1521, 0.3395, 0.2854** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.2181, 0.2929, 0.3772**, and the grayscale version is **63.5082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **30.2109, 0.3452, 0.2745** is the 20% darker color. If you saturate the color by 10%, you get **50.0885, 0.3523, 0.2698**, and if you desaturate by 10%, it is **72.1579, 0.3286, 0.3011**.

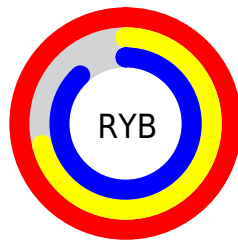
Distribution



Red (100%)

Green (71%)

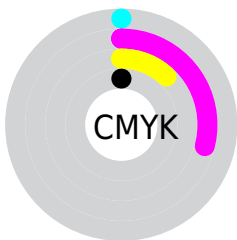
Blue (88%)



Red (100%)

Yellow (71%)

Blue (88%)

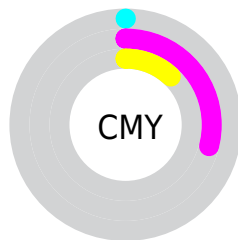


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1521, 0.3395, 0.2854 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 60.1521, 0.3395, 0.2854 by changing the saturation by 10% instead.


 60.1521, 0.3395,
0.2854

 60.1521, 0.3395,
0.2854

425.1582, 0.3271,
0.3055

 43.5412, 0.3424,
0.2808


 105.0503, 0.3352,
0.2924

 30.3100, 0.3459,
0.2752


134.1064, 0.3335,
0.2951

 20.0740, 0.3504,
0.2681

168.0797, 0.3321,
0.2974

 12.4489, 0.3562,
0.2589

207.3546, 0.3308,
0.2994

 7.0501, 0.3643,
0.2464

252.3155, 0.3297,
0.3012

 3.4935, 0.3758,
0.2285


303.3468, 0.3287,

 1.3945, 0.3940,


0.3028


0.2012


360.8329, 0.3278,
0.3042


 0.2126, 0.4559,
0.0957


 0.0000, 0.0000,
0.0000


 60.1521, 0.3395,
0.2854


 60.1521, 0.3395,
0.2854

 50.0885, 0.3523,
0.2698


 72.1579, 0.3286,
0.3011

 41.8549, 0.3671,
0.2550

 86.1939, 0.3194,
0.3164

 35.3405, 0.3838,
0.2421

99.9990, 0.3127,
0.3290

 30.4185, 0.4020,
0.2322

■ 26.9450, 0.4212,
0.2266

■ 24.7491, 0.4406,
0.2262

■ 23.5882, 0.4594,
0.2310

■ 23.4650, 0.4620,
0.2319

Harmonies

Analogous

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



60.1521, 0.2944, 0.2643



60.1521, 0.3395, 0.2854



60.1521, 0.3793, 0.3166

Triad

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



60.1521, 0.3395, 0.2854



60.1521, 0.3675, 0.4064



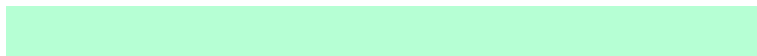
60.1521, 0.2325, 0.2957

Complementary

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



60.1521, 0.3395, 0.2854



86.2181, 0.2929, 0.3772

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.



60.1521, 0.2492, 0.3369



60.1521, 0.3395, 0.2854



60.1521, 0.3261, 0.4057

Square

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



60.1521, 0.3395, 0.2854



60.1521, 0.3953, 0.3852



60.1521, 0.2829, 0.3793



60.1521, 0.2354, 0.2679

Rectangle

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



60.1521, 0.3395, 0.2854



60.1521, 0.3960, 0.3403



60.1521, 0.2829, 0.3793



60.1521, 0.2360, 0.3084

Sweetspot

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



60.1548, 0.3395, 0.2854



85.6283, 0.3197, 0.3159



54.5595, 0.2829, 0.2501



17.8655, 0.3210, 0.3137



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.



60.1548, 0.3395, 0.2854



54.5087, 0.3461, 0.2769



58.4073, 0.3699, 0.3215



18.1665, 0.3202, 0.3151



12.2920, 0.4591, 0.2303



1.2186, 0.4389, 0.2192

Inverse Universe

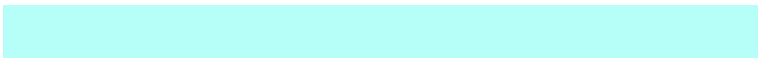
The Inverse Universe completely reimagines the original color for something new.



60.1548, 0.3395, 0.2854



54.5087, 0.3461, 0.2769



88.2217, 0.2746, 0.3368



18.1665, 0.3202, 0.3151



12.2920, 0.4591, 0.2303



1.2186, 0.4389, 0.2192

Previews

White Background



This preview shows how the Yxy color 60.1521, 0.3395, 0.2854 looks on a white background.

Color Contrast Check

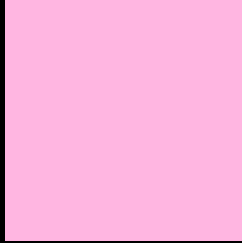
Large Text (above 18pt) WCAG AA × Fail

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 60.1521, 0.3395, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

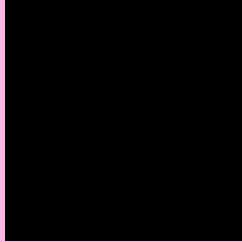
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1521, 0.3395, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 60.1521, 0.3395, 0.2854.



This preview shows how white text looks on a background with the Yxy color 60.1521, 0.3395, 0.2854.

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

60.1521, 0.3395, 0.2854

Protanopia

60.2844, 0.2847, 0.2881

Deuteranopia

60.2610, 0.3093, 0.3021



Tritanopia

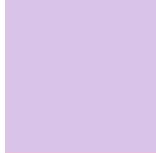
60.0303, 0.3563, 0.3134

Trichromacy



Original Color

60.1521, 0.3395, 0.2854



Protanomaly

59.8188, 0.3032, 0.2872



Deuteranomaly

59.8500, 0.3199, 0.2954



Tritanomaly

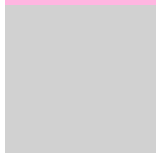
60.2337, 0.3498, 0.3032

Monochromacy



Original Color

60.1521, 0.3395, 0.2854



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.9219, 0.3221, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1521, 0.3395, 0.2854 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(255, 182, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 225)  
}
```

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(255, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.1521, 0.3395, 0.2854 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(255, 182, 225) }
```

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

```
.border{ border-color:rgb(255, 182, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1521, 0.3395, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 225) }
```

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

```
.background{ background-color: rgb(255,  
182, 225) }
```

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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