

Converting Colors

Yxy(60.5981, 0.3368, 0.2829)

Have a look what the booklet for
Yxy(60.5981, 0.3368, 0.2829)
contains.

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Color

Yxy(60.7284, 0.3369, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7E4
RGB	255, 183, 228
RGB Percent	100%, 72%, 89%
CMY	0.0001, 0.2823, 0.1059
CMYK	0.00, 0.28, 0.11, 0.00
HSL	322°, 100%, 86%
HSV	322°, 28%, 100%
XYZ	72.1672, 60.7284, 81.3139
YIQ	209.6580, 28.4670, 29.2590

Conversions

Conversions Part 2

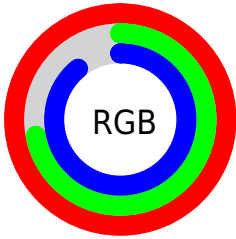
Format	Color
R_{YB}	255, 183, 228
Decimal	16758756
CIE _{Lab}	82.23, 32.73, -12.09
CIE _{LCh}	82, 34.890, 339.731
Yxy	60.7284, 0.3369, 0.2835
Android (android.graphics.Color)	4294948836 (0xFFFFB7E4)
YUV	209.6580, 9.0426, 39.7649
Hunter-Lab	77.9284, 28.9288, -7.3159

Details

The Yxy color $60.7284, 0.3369, 0.2835$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.2214, 0.2945, 0.3795$, and the grayscale version is $64.1397, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $30.5880, 0.3417, 0.2721$ is the 20% darker color. If you saturate the color by 10%, you get $50.6309, 0.3485, 0.2670$, and if you desaturate by 10%, it is $72.7658, 0.3270, 0.3001$.

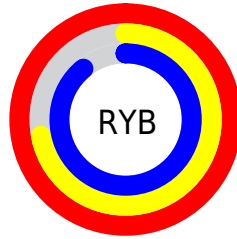
Distribution



Red (100%)

Green (72%)

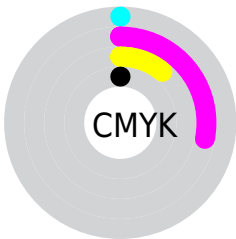
Blue (89%)



Red (100%)

Yellow (72%)

Blue (89%)

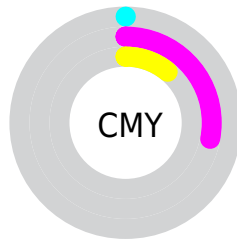


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7284, 0.3369, 0.2835 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 60.7284, 0.3369, 0.2835 by changing the saturation by 10% instead.


 60.7284, 0.3369,
0.2835

 60.7284, 0.3369,
0.2835


427.2775, 0.3258,
0.3044

 44.0060, 0.3394,
0.2788

 105.8856, 0.3330,
0.2907

 30.6752, 0.3426,
0.2730


135.0892, 0.3315,
0.2935

 20.3517, 0.3465,
0.2656


169.2219, 0.3302,
0.2960

 12.6509, 0.3516,
0.2561

208.6683, 0.3291,
0.2981

 7.1886, 0.3586,
0.2433

253.8126, 0.3281,
0.2999

 3.5803, 0.3685,
0.2252


305.0393, 0.3272,

 1.4417, 0.3838,

0.3016

0.1976


362.7328, 0.3265,
0.3031

 0.2472, 0.4338,
0.1022


 0.0000, 0.0000,
0.0000


 60.7284, 0.3369,
0.2835


 60.7284, 0.3369,
0.2835

 50.6309, 0.3485,
0.2670


 72.7658, 0.3270,
0.3001

 42.3616, 0.3618,
0.2513

 86.8306, 0.3186,
0.3163

 35.8104, 0.3767,
0.2376

99.9937, 0.3127,
0.3290

 30.8513, 0.3929,
0.2268

■ 27.3413, 0.4100,
0.2203

■ 25.1113, 0.4271,
0.2189

■ 23.9288, 0.4438,
0.2226

■ 23.7704, 0.4468,
0.2235

Harmonies

Analogous

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



60.7284, 0.2917, 0.2631



60.7284, 0.3369, 0.2835



60.7284, 0.3777, 0.3144

Triad

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



60.7284, 0.3369, 0.2835



60.7284, 0.3701, 0.4061



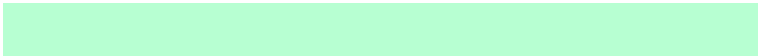
60.7284, 0.2325, 0.2977

Complementary

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



60.7284, 0.3369, 0.2835



86.2214, 0.2945, 0.3795

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.



60.7284, 0.2504, 0.3397



60.7284, 0.3369, 0.2835



60.7284, 0.3289, 0.4070

Square

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



60.7284, 0.3369, 0.2835



60.7284, 0.3969, 0.3837



60.7284, 0.2851, 0.3819



60.7284, 0.2342, 0.2687

Rectangle

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



60.7284, 0.3369, 0.2835



60.7284, 0.3954, 0.3381



60.7284, 0.2851, 0.3819



60.7284, 0.2363, 0.3107

Sweetspot

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



60.7311, 0.3369, 0.2835



87.1851, 0.3184, 0.3166



54.7081, 0.2816, 0.2510



18.1781, 0.3196, 0.3142



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.



60.7311, 0.3369, 0.2835



54.6769, 0.3434, 0.2739



58.9630, 0.3667, 0.3192



18.1781, 0.3196, 0.3142



12.4541, 0.4442, 0.2221



1.2338, 0.4263, 0.2122

Inverse Universe

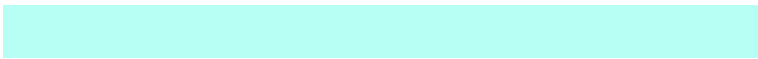
The Inverse Universe completely reimagines the original color for something new.



60.7311, 0.3369, 0.2835



54.6769, 0.3434, 0.2739



88.1841, 0.2763, 0.3393



18.1781, 0.3196, 0.3142



12.4541, 0.4442, 0.2221



1.2338, 0.4263, 0.2122

Previews

White Background



This preview shows how the Yxy color 60.7284, 0.3369, 0.2835 looks on a white background.

Color Contrast Check

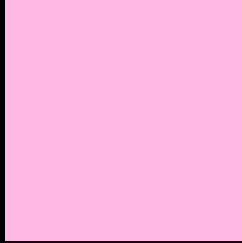
Large Text (above 18pt) WCAG AA × Fail

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 60.7284, 0.3369, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

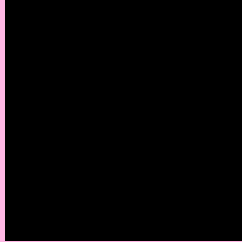
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7284, 0.3369, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 60.7284, 0.3369, 0.2835.



This preview shows how white text looks on a background with the Yxy color 60.7284, 0.3369, 0.2835.

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

60.7284, 0.3369, 0.2835

Protanopia

60.9331, 0.2829, 0.2861

Deuteranopia

60.8820, 0.3072, 0.3000



Tritanopia

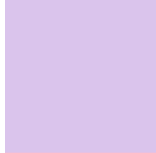
60.9262, 0.3551, 0.3145

Trichromacy



Original Color

60.7284, 0.3369, 0.2835



Protanomaly

60.4414, 0.3011, 0.2852



Deuteranomaly

60.4539, 0.3175, 0.2934



Tritanomaly

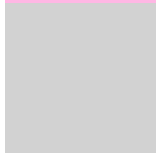
60.7036, 0.3488, 0.3032

Monochromacy



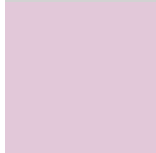
Original Color

60.7284, 0.3369, 0.2835



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.4871, 0.3206, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7284, 0.3369, 0.2835 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, 183, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 228)  
}
```

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, 183, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 228) }
```

Border

The CSS property to change the border of an element to Yxy 60.7284, 0.3369, 0.2835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

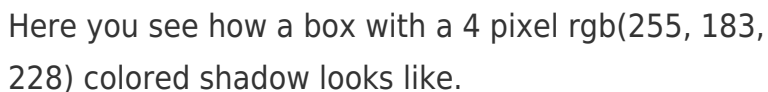
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 183, 228) }
```

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

```
.border{ border-color:rgb(255, 183, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 183, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 228); box-shadow:4px 4px 4px 4px rgb(255, 183, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7284, 0.3369, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 228) }
```

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

```
.background{ background-color: rgb(255,  
183, 228) }
```

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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