

Converting Colors

$Y_{xy}(71.6149, 0.3568, 0.2778)$

Have a look what the booklet for
Yxy(71.6149, 0.3568, 0.2778)
contains.

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Color

Yxy(62.9095, 0.3241, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF4
RGB	255, 186, 244
RGB Percent	100%, 73%, 96%
CMY	0.0000, 0.2705, 0.0432
CMYK	0.00, 0.27, 0.04, 0.00
HSL	310°, 100%, 86%
HSV	310°, 27%, 100%
XYZ	75.1252, 62.9095, 93.7616
YIQ	213.2430, 22.5060, 32.6660

Conversions

Conversions Part 2

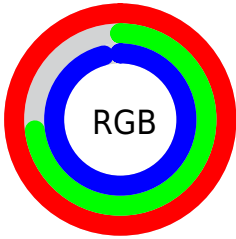
Format	Color
R _Y B	255, 186, 244
Decimal	16759540
CIE Lab	83.39, 33.87, -18.91
CIE LCh	83, 38.789, 330.829
Yxy	62.9095, 0.3241, 0.2714
Android (android.graphics.Color)	4294949620 (0xFFFFBAF4)
YUV	213.2430, 15.1632, 36.6209
Hunter-Lab	79.3155, 30.2675, -14.5679

Details

The Yxy color $62.9095, 0.3241, 0.2714$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.9899, 0.3031, 0.3944$, and the grayscale version is $66.5975, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $32.0037, 0.3255, 0.2581$ is the 20% darker color. If you saturate the color by 10%, you get $52.8648, 0.3293, 0.2501$, and if you desaturate by 10%, it is $74.8823, 0.3194, 0.2931$.

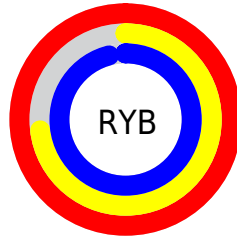
Distribution



Red (100%)

Green (73%)

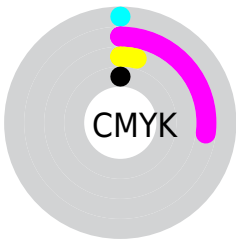
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

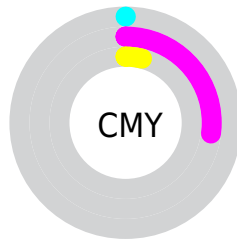


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9095, 0.3241, 0.2714 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 62.9095, 0.3241, 0.2714 by changing the saturation by 10% instead.


 62.9095, 0.3241,
0.2714

 62.9095, 0.3241,
0.2714


435.2410, 0.3193,
0.2974

 45.7680, 0.3251,
0.2656

 109.0389, 0.3225,
0.2803

 32.0628, 0.3263,
0.2586


138.7957, 0.3219,
0.2838

 21.4095, 0.3276,
0.2499


173.5263, 0.3213,
0.2868

 13.4236, 0.3293,
0.2387

213.6151, 0.3208,
0.2894

 7.7209, 0.3313,
0.2239

259.4466, 0.3204,
0.2918

 3.9169, 0.3337,
0.2035

311.4052, 0.3200,

 1.6272, 0.3363,

0.2938

0.1738

369.8751, 0.3196,
0.2957

0.3758, 0.3462,
0.1056

0.0000, 0.2005,
0.0000

62.9095, 0.3241,
0.2714

62.9095, 0.3241,
0.2714

52.8648, 0.3293,
0.2501

74.8823, 0.3194,
0.2931

44.6377, 0.3350,
0.2300

88.8693, 0.3153,
0.3144

38.1198, 0.3411,
0.2121

99.9993, 0.3127,
0.3290

33.1873, 0.3473,
0.1974

■ 29.6999, 0.3535,
0.1869

■ 27.4926, 0.3596,
0.1809

■ 26.3549, 0.3652,
0.1794

■ 26.1302, 0.3669,
0.1795

Harmonies

Analogous

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



62.9095, 0.2761, 0.2535



62.9095, 0.3241, 0.2714



62.9095, 0.3723, 0.3020

Triad

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



62.9095, 0.3241, 0.2714



62.9095, 0.3863, 0.4080



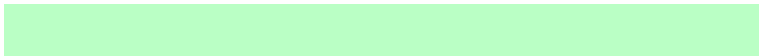
62.9095, 0.2288, 0.3068

Complementary

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



62.9095, 0.3241, 0.2714



85.9899, 0.3031, 0.3944

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.



62.9095, 0.2540, 0.3553



62.9095, 0.3241, 0.2714



62.9095, 0.3443, 0.4178

Square

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



62.9095, 0.3241, 0.2714



62.9095, 0.4091, 0.3782



62.9095, 0.2959, 0.3985



62.9095, 0.2243, 0.2702

Rectangle

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



62.9095, 0.3241, 0.2714



62.9095, 0.3964, 0.3269



62.9095, 0.2959, 0.3985



62.9095, 0.2350, 0.3223

Sweetspot

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



62.9123, 0.3241, 0.2714



87.4600, 0.3157, 0.3124



54.1256, 0.2725, 0.2523



18.2476, 0.3163, 0.3093



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.



62.9123, 0.3241, 0.2714



57.7104, 0.3266, 0.2608



61.0422, 0.3511, 0.3042



18.2476, 0.3163, 0.3093



13.6727, 0.3660, 0.1790



1.3440, 0.3600, 0.1757

Inverse Universe

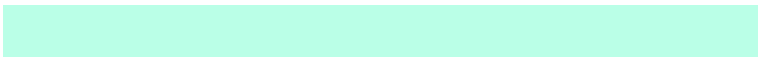
The Inverse Universe completely reimagines the original color for something new.



62.9123, 0.3241, 0.2714



57.7104, 0.3266, 0.2608



87.7190, 0.2853, 0.3554



18.2476, 0.3163, 0.3093



13.6727, 0.3660, 0.1790



1.3440, 0.3600, 0.1757

Previews

White Background



This preview shows how the Yxy color 62.9095, 0.3241, 0.2714 looks on a white background.

Color Contrast Check

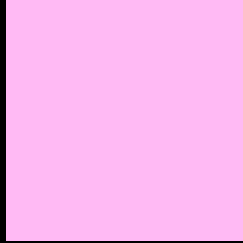
Large Text (above 18pt) WCAG AA × Fail

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 62.9095, 0.3241, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

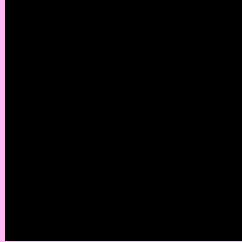
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9095, 0.3241, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 62.9095, 0.3241, 0.2714.



This preview shows how white text looks on a background with the Yxy color 62.9095, 0.3241, 0.2714.

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

62.9095, 0.3241, 0.2714

Protanopia

63.2329, 0.2747, 0.2751

Deuteranopia

63.2089, 0.2941, 0.2875



Tritanopia

63.0180, 0.3476, 0.3134

Trichromacy



Original Color

62.9095, 0.3241, 0.2714



Protanomaly

62.7173, 0.2911, 0.2735



Deuteranomaly

62.8373, 0.3044, 0.2813



Tritanomaly

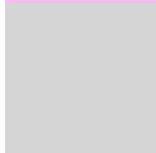
62.7428, 0.3392, 0.2972

Monochromacy



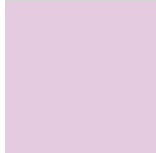
Original Color

62.9095, 0.3241, 0.2714



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.5877, 0.3168, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9095, 0.3241, 0.2714 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, 186, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 244)  
}
```

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, 186, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 244) }
```

Border

The CSS property to change the border of an element to Yxy 62.9095, 0.3241, 0.2714 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, 186, 244) }
```

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

```
.border{ border-color:rgb(255, 186, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9095, 0.3241, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 244) }
```

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

```
.background{ background-color: rgb(255,  
186, 244) }
```

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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