

Converting Colors

$Yxy(62.0893, 0.3359, 0.2859)$

Have a look what the booklet for
Yxy(62.0893, 0.3359, 0.2859)
contains.

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Color

Yxy(62.0350, 0.3358, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAE5
RGB	255, 186, 229
RGB Percent	100%, 73%, 90%
CMY	0.0000, 0.2706, 0.1021
CMYK	0.00, 0.27, 0.10, 0.00
HSL	323°, 100%, 86%
HSV	323°, 27%, 100%
XYZ	72.9389, 62.0350, 82.2355
YIQ	211.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

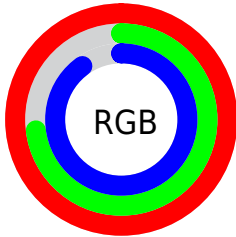
Format	Color
R _{YB}	255, 186, 229
Decimal	16759525
CIE _{Lab}	82.93, 31.33, -11.56
CIE _{LCh}	83, 33.401, 339.744
Yxy	62.0350, 0.3358, 0.2856
Android (android.graphics.Color)	4294949605 (0xFFFFBAE5)
YUV	211.5330, 8.6112, 38.1206
Hunter-Lab	78.7623, 27.4684, -6.7709

Details

The Yxy color $62.0350, 0.3358, 0.2856$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.7157, 0.2951, 0.3769$, and the grayscale version is $65.4412, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.4288, 0.3402, 0.2747$ is the 20% darker color. If you saturate the color by 10%, you get $51.7114, 0.3473, 0.2691$, and if you desaturate by 10%, it is $74.3098, 0.3260, 0.3021$.

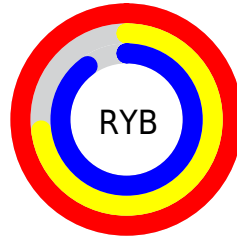
Distribution



Red (100%)

Green (73%)

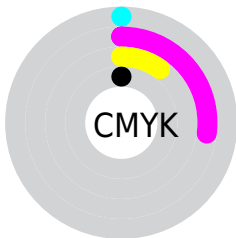
Blue (90%)



Red (100%)

Yellow (73%)

Blue (90%)

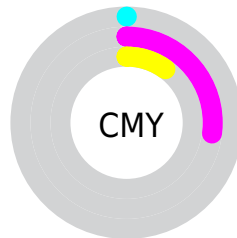


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0350, 0.3358, 0.2856 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 62.0350, 0.3358, 0.2856 by changing the saturation by 10% instead.


 62.0350, 0.3358,
0.2856

 62.0350, 0.3358,
0.2856

432.0587, 0.3252,
0.3055

 45.0610, 0.3382,
0.2811


 107.7761, 0.3321,
0.2925

 31.5055, 0.3412,
0.2756

137.3120, 0.3307,
0.2951

 20.9840, 0.3449,
0.2686


171.8040, 0.3295,
0.2975

 13.1123, 0.3498,
0.2596


211.6364, 0.3284,
0.2995

 7.5060, 0.3564,
0.2475

257.1937, 0.3274,
0.3012

 3.7805, 0.3658,
0.2303


308.8603, 0.3266,

 1.5515, 0.3802,


0.3028


0.2042


367.0205, 0.3259,
0.3042


 0.3246, 0.4220,
0.1251


 0.0000, 1.0000,
0.0000


 62.0350, 0.3358,
0.2856

 62.0350, 0.3358,
0.2856

 51.7114, 0.3473,
0.2691


 74.3098, 0.3260,
0.3021

 43.2301, 0.3604,
0.2534

 88.6242, 0.3177,
0.3182

 36.4814, 0.3753,
0.2394

100.0000, 0.3127,
0.3290

 31.3410, 0.3915,
0.2283

■ 27.6683, 0.4086,
0.2212

■ 25.2978, 0.4260,
0.2192

■ 24.0182, 0.4429,
0.2225

■ 23.7559, 0.4478,
0.2241

Harmonies

Analogous

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



62.0350, 0.2928, 0.2660



62.0350, 0.3358, 0.2856



62.0350, 0.3745, 0.3152

Triad

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



62.0350, 0.3358, 0.2856



62.0350, 0.3674, 0.4023



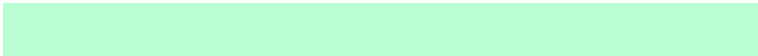
62.0350, 0.2362, 0.2994

Complementary

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



62.0350, 0.3358, 0.2856



86.7157, 0.2951, 0.3769

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.



62.0350, 0.2534, 0.3393



62.0350, 0.3358, 0.2856



62.0350, 0.3282, 0.4029

Square

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



62.0350, 0.3358, 0.2856



62.0350, 0.3928, 0.3814



62.0350, 0.2866, 0.3791



62.0350, 0.2378, 0.2717

Rectangle

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



62.0350, 0.3358, 0.2856



62.0350, 0.3913, 0.3379



62.0350, 0.2866, 0.3791



62.0350, 0.2399, 0.3118

Sweetspot

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



62.0372, 0.3358, 0.2856



87.1820, 0.3185, 0.3167



56.2358, 0.2831, 0.2545



18.1773, 0.3196, 0.3143



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.



62.0372, 0.3358, 0.2856



56.6941, 0.3413, 0.2774



60.3312, 0.3638, 0.3196



18.1773, 0.3196, 0.3143



12.4429, 0.4452, 0.2226



1.2328, 0.4271, 0.2127

Inverse Universe

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



62.0372, 0.3358, 0.2856



56.6941, 0.3413, 0.2774



88.6019, 0.2777, 0.3388



18.1773, 0.3196, 0.3143



12.4429, 0.4452, 0.2226



1.2328, 0.4271, 0.2127

Previews

White Background



This preview shows how the Yxy color 62.0350, 0.3358, 0.2856 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 62.0350, 0.3358, 0.2856 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 62.0350, 0.3358, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 62.0350, 0.3358, 0.2856.



This preview shows how white text looks on a background with the Yxy color 62.0350, 0.3358, 0.2856.

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

62.0350, 0.3358, 0.2856

Protanopia

62.2929, 0.2851, 0.2886

Deuteranopia

62.1697, 0.3079, 0.3014



Tritanopia

61.9301, 0.3522, 0.3135

Trichromacy



Original Color

62.0350, 0.3358, 0.2856



Protanomaly

61.7182, 0.3019, 0.2866



Deuteranomaly

62.0148, 0.3174, 0.2957



Tritanomaly

62.1329, 0.3458, 0.3033

Monochromacy



Original Color

62.0350, 0.3358, 0.2856



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.2678, 0.3212, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0350, 0.3358, 0.2856 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 229) }
```

Border

The CSS property to change the border of an element to Yxy 62.0350, 0.3358, 0.2856 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, 229) }
```

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

```
.border{ border-color:rgb(255, 186, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0350, 0.3358, 0.2856 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
186, 229) }
```

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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