

Converting Colors

$Y_{xy}(75.1662, 0.3844, 0.2948)$

Have a look what the booklet for
Yxy(75.1662, 0.3844, 0.2948)
contains.

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Color

Yxy(62.3467, 0.3372, 0.2885)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFBBE3 |
| RGB | 255, 187, 227 |
| RGB Percent | 100%, 73%, 89% |
| CMY | 0.0001, 0.2666, 0.1097 |
| CMYK | 0.00, 0.27, 0.11, 0.00 |
| HSL | 325°, 100%, 87% |
| HSV | 325°, 27%, 100% |
| XYZ | 72.8711, 62.3467, 80.8886 |
| YIQ | 211.8920, 27.6880, 26.8560 |

Conversions

Conversions Part 2

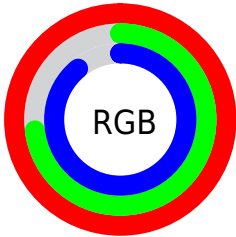
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 187, 227 |
| Decimal | 16759779 |
| CIE Lab | 83.10, 30.48, -10.28 |
| CIE LCh | 83, 32.166, 341.364 |
| Yxy | 62.3467, 0.3372, 0.2885 |
| Android (android.graphics.Color) | 4294949859 (0xFFFFBBE3) |
| YUV | 211.8920, 7.4482, 37.8057 |
| Hunter-Lab | 78.9599, 26.5554, -5.4663 |

Details

The Yxy color $62.3467, 0.3372, 0.2885$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.9732, 0.2941, 0.3734$, and the grayscale version is $65.7005, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $31.6239, 0.3422, 0.2785$ is the 20% darker color. If you saturate the color by 10%, you get $51.9121, 0.3496, 0.2728$, and if you desaturate by 10%, it is $74.7427, 0.3266, 0.3042$.

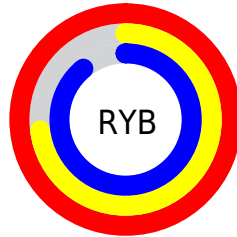
Distribution



Red (100%)

Green (73%)

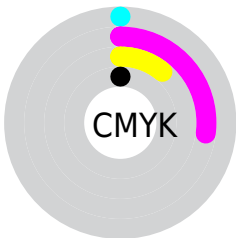
Blue (89%)



Red (100%)

Yellow (73%)

Blue (89%)

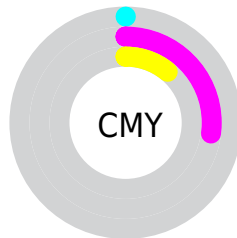


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3467, 0.3372, 0.2885 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 62.3467, 0.3372, 0.2885 by changing the saturation by 10% instead.


 62.3467, 0.3372,
0.2885

 62.3467, 0.3372,
0.2885


433.1946, 0.3259,
0.3071

 45.3129, 0.3398,
0.2843


 108.2265, 0.3333,
0.2949

 31.7040, 0.3430,
0.2791


137.8412, 0.3317,
0.2974

 21.1355, 0.3470,
0.2726


172.4184, 0.3304,
0.2996

 13.2231, 0.3523,
0.2641

212.3424, 0.3293,
0.3015

 7.5823, 0.3595,
0.2526

257.9976, 0.3283,
0.3031

 3.8289, 0.3698,
0.2363

309.7685, 0.3274,

 1.5783, 0.3859,

0.3046

0.2114

368.0393, 0.3266,
0.3059

0.3429, 0.4310,
0.1354

0.0000, 1.0000,
0.0000

62.3467, 0.3372,
0.2885

62.3467, 0.3372,
0.2885

51.9121, 0.3496,
0.2728

74.7427, 0.3266,
0.3042

43.3282, 0.3640,
0.2578

89.1865, 0.3178,
0.3193

36.4864, 0.3803,
0.2444

99.9948, 0.3127,
0.3290

31.2628, 0.3983,
0.2338

■ 27.5174, 0.4174,
0.2273

■ 25.0858, 0.4368,
0.2259

■ 23.7615, 0.4557,
0.2298

■ 23.4614, 0.4620,
0.2319

Harmonies

Analogous

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



62.3467, 0.2957, 0.2689



62.3467, 0.3372, 0.2885



62.3467, 0.3737, 0.3176

Triad

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



62.3467, 0.3372, 0.2885



62.3467, 0.3636, 0.4001



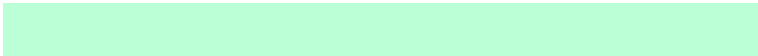
62.3467, 0.2386, 0.2989

Complementary

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



62.3467, 0.3372, 0.2885



86.9732, 0.2941, 0.3734

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.



62.3467, 0.2543, 0.3367



62.3467, 0.3372, 0.2885



62.3467, 0.3256, 0.3992

Square

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



62.3467, 0.3372, 0.2885



62.3467, 0.3889, 0.3810



62.3467, 0.2856, 0.3752



62.3467, 0.2411, 0.2728

Rectangle

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



62.3467, 0.3372, 0.2885



62.3467, 0.3891, 0.3396



62.3467, 0.2856, 0.3752



62.3467, 0.2418, 0.3106

Sweetspot

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



62.3495, 0.3372, 0.2885



87.1394, 0.3189, 0.3173



57.0911, 0.2853, 0.2561



18.1666, 0.3202, 0.3151



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.



62.3495, 0.3372, 0.2885



56.5453, 0.3436, 0.2801



60.6882, 0.3647, 0.3221



18.1666, 0.3202, 0.3151



12.2925, 0.4590, 0.2302



1.2186, 0.4389, 0.2191

Inverse Universe

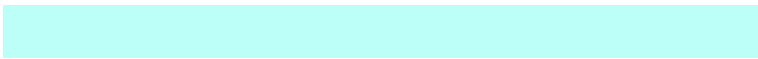
The Inverse Universe completely reimagines the original color for something new.



62.3495, 0.3372, 0.2885



56.5453, 0.3436, 0.2801



88.8575, 0.2770, 0.3362



18.1666, 0.3202, 0.3151



12.2925, 0.4590, 0.2302



1.2186, 0.4389, 0.2191

Previews

White Background



This preview shows how the Yxy color 62.3467, 0.3372, 0.2885 looks on a white background.

Color Contrast Check

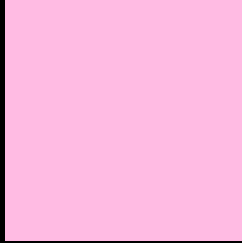
Large Text (above 18pt) WCAG AA × Fail

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 62.3467, 0.3372, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

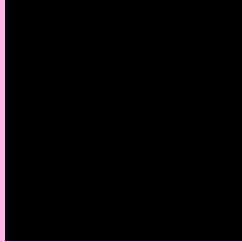
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3467, 0.3372, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 62.3467, 0.3372, 0.2885.



This preview shows how white text looks on a background with the Yxy color 62.3467, 0.3372, 0.2885.

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

62.3467, 0.3372, 0.2885

Protanopia

62.7921, 0.2871, 0.2920

Deuteranopia

62.3708, 0.3109, 0.3036



Tritanopia

62.3648, 0.3520, 0.3145

Trichromacy



Original Color

62.3467, 0.3372, 0.2885



Protanomaly

62.2172, 0.3040, 0.2899



Deuteranomaly

62.2397, 0.3204, 0.2979



Tritanomaly

62.5137, 0.3465, 0.3054

Monochromacy



Original Color

62.3467, 0.3372, 0.2885



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.2156, 0.3219, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3467, 0.3372, 0.2885 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, 187, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 227)  
}
```

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, 187, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 227) }
```

Border

The CSS property to change the border of an element to Yxy 62.3467, 0.3372, 0.2885 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, 187, 227) }
```

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

```
.border{ border-color:rgb(255, 187, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3467, 0.3372, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 227) }
```

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

```
.background{ background-color: rgb(255,  
187, 227) }
```

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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