

Converting Colors

$Y_{xy}(62.8475, 0.3257, 0.2735)$

Have a look what the booklet for
Yxy(62.8475, 0.3257, 0.2735)
contains.

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Color

Yxy(62.7886, 0.3256, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF2
RGB	255, 186, 242
RGB Percent	100%, 73%, 95%
CMY	0.0000, 0.2706, 0.0508
CMYK	0.00, 0.27, 0.05, 0.00
HSL	311°, 100%, 86%
HSV	311°, 27%, 100%
XYZ	74.8315, 62.7886, 92.2064
YIQ	213.0150, 23.1480, 32.0440

Conversions

Conversions Part 2

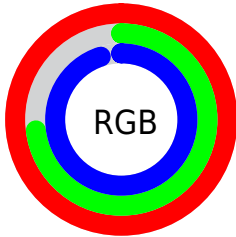
Format	Color
R _Y B	255, 186, 242
Decimal	16759538
CIE Lab	83.33, 33.54, -17.96
CIE LCh	83, 38.046, 331.835
Yxy	62.7886, 0.3256, 0.2732
Android (android.graphics.Color)	4294949618 (0xFFFFBAF2)
YUV	213.0150, 14.2896, 36.8208
Hunter-Lab	79.2393, 29.9021, -13.5251

Details

The Yxy color $62.7886, 0.3256, 0.2732$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.0807, 0.3021, 0.3921$, and the grayscale version is $66.4424, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.9180, 0.3275, 0.2604$ is the 20% darker color. If you saturate the color by 10%, you get $52.7035, 0.3316, 0.2525$, and if you desaturate by 10%, it is $74.8013, 0.3203, 0.2942$.

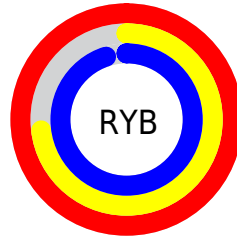
Distribution



Red (100%)

Green (73%)

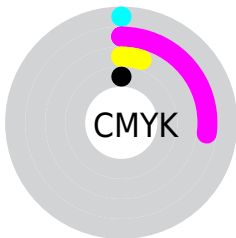
Blue (95%)



Red (100%)

Yellow (73%)

Blue (95%)

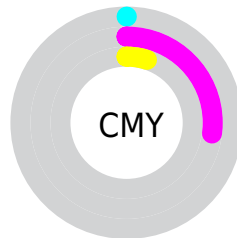


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7886, 0.3256, 0.2732 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 62.7886, 0.3256, 0.2732 by changing the saturation by 10% instead.

 62.7886, 0.3256,
0.2732

 62.7886, 0.3256,
0.2732


434.8019, 0.3201,
0.2984

 45.6702, 0.3268,
0.2676


 108.8645, 0.3238,
0.2818

 31.9857, 0.3282,
0.2608


138.5907, 0.3230,
0.2852

 21.3505, 0.3298,
0.2522


173.2884, 0.3224,
0.2881

 13.3805, 0.3319,
0.2413

213.3419, 0.3218,
0.2907

 7.6911, 0.3345,
0.2268

259.1356, 0.3213,
0.2930

 3.8979, 0.3377,
0.2068


311.0539, 0.3208,


 1.6166, 0.3417,


0.2950

0.1775


369.4812, 0.3204,
0.2968

 0.3688, 0.3550,
0.1079


 0.0000, 0.2058,
0.0000


 62.7886, 0.3256,
0.2732

 62.7886, 0.3256,
0.2732

 52.7035, 0.3316,
0.2525


 74.8013, 0.3203,
0.2942

 44.4394, 0.3382,
0.2329

 88.8315, 0.3156,
0.3149

 37.8866, 0.3452,
0.2154

100.0000, 0.3127,
0.3290

 32.9211, 0.3526,
0.2011

■ 29.4027, 0.3601,
0.1909

■ 27.1663, 0.3673,
0.1854

■ 26.0013, 0.3742,
0.1844

■ 25.7692, 0.3762,
0.1846

Harmonies

Analogous

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



62.7886, 0.2782, 0.2551



62.7886, 0.3256, 0.2732



62.7886, 0.3726, 0.3037

Triad

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



62.7886, 0.3256, 0.2732



62.7886, 0.3839, 0.4073



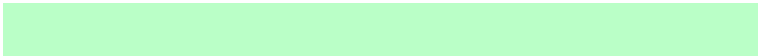
62.7886, 0.2297, 0.3059

Complementary

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



62.7886, 0.3256, 0.2732



86.0807, 0.3021, 0.3921

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.



62.7886, 0.2540, 0.3532



62.7886, 0.3256, 0.2732



62.7886, 0.3423, 0.4159

Square

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



62.7886, 0.3256, 0.2732



62.7886, 0.4070, 0.3786



62.7886, 0.2947, 0.3960



62.7886, 0.2260, 0.2704

Rectangle

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



62.7886, 0.3256, 0.2732



62.7886, 0.3958, 0.3283



62.7886, 0.2947, 0.3960



62.7886, 0.2356, 0.3209

Sweetspot

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



62.7901, 0.3256, 0.2732



87.4234, 0.3160, 0.3130



54.4313, 0.2741, 0.2526



18.2384, 0.3167, 0.3099



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.



62.7901, 0.3256, 0.2732



57.5723, 0.3285, 0.2629



60.9238, 0.3531, 0.3066



18.2384, 0.3167, 0.3099



13.4860, 0.3752, 0.1840



1.3275, 0.3678, 0.1800

Inverse Universe

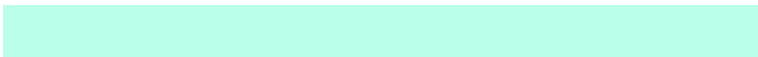
The Inverse Universe completely reimagines the original color for something new.



62.7901, 0.3256, 0.2732



57.5723, 0.3285, 0.2629



87.8507, 0.2841, 0.3528



18.2384, 0.3167, 0.3099



13.4860, 0.3752, 0.1840



1.3275, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 62.7886, 0.3256, 0.2732 looks on a white background.

Color Contrast Check

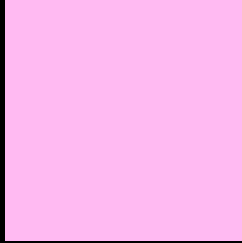
Large Text (above 18pt) WCAG AA × Fail

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 62.7886, 0.3256, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

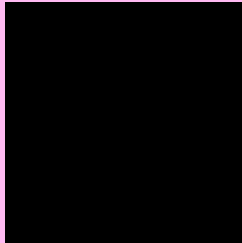
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7886, 0.3256, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 62.7886, 0.3256, 0.2732.



This preview shows how white text looks on a background with the Yxy color 62.7886, 0.3256, 0.2732.

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

62.7886, 0.3256, 0.2732

Protanopia

63.2329, 0.2747, 0.2751

Deuteranopia

63.0900, 0.2954, 0.2895



Tritanopia

62.5283, 0.3486, 0.3134

Trichromacy



Original Color

62.7886, 0.3256, 0.2732



Protanomaly

62.6544, 0.2917, 0.2745



Deuteranomaly

62.7178, 0.3058, 0.2833



Tritanomaly

62.6897, 0.3400, 0.2982

Monochromacy



Original Color

62.7886, 0.3256, 0.2732



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 62.7886, 0.3256, 0.2732 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 242) }
```

Border

The CSS property to change the border of an element to Yxy 62.7886, 0.3256, 0.2732 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, 242) }
```

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

```
.border{ border-color:rgb(255, 186, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7886, 0.3256, 0.2732 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
186, 242) }
```

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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