

Converting Colors

$Yxy(61.9737, 0.3235, 0.2865)$

Have a look what the booklet for
Yxy(61.9737, 0.3235, 0.2865)
contains.

Yxy(62.1425, 0.3234, 0.2864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1425, 0.3234, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	F3BFE8
RGB	243, 191, 232
RGB Percent	95%, 75%, 91%
CMY	0.0469, 0.2510, 0.0901
CMYK	0.00, 0.21, 0.05, 0.05
HSL	313°, 69%, 85%
HSV	313°, 21%, 95%
XYZ	70.1707, 62.1425, 84.6648
YIQ	211.2220, 17.8310, 23.7750

Conversions

Conversions Part 2

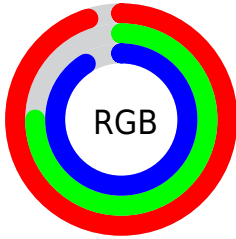
Format	Color
R _Y B	243, 191, 232
Decimal	15974376
CIE Lab	82.99, 25.22, -13.24
CIE LCh	83, 28.487, 332.301
Yxy	62.1425, 0.3234, 0.2864
Android (android.graphics.Color)	4294164456 (0xFFFBFE8)
YUV	211.2220, 10.2436, 27.8693
Hunter-Lab	78.8305, 20.9377, -8.4967

Details

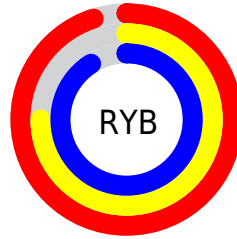
The Yxy color $62.1425, 0.3234, 0.2864$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $79.4603, 0.3036, 0.3757$, and the grayscale version is $65.2218, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $31.4650, 0.3257, 0.2768$ is the 20% darker color. If you saturate the color by 10%, you get $52.1231, 0.3296, 0.2660$, and if you desaturate by 10%, it is $73.9346, 0.3180, 0.3067$.

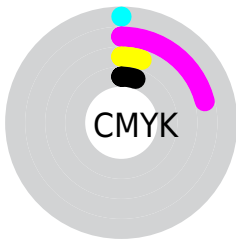
Distribution



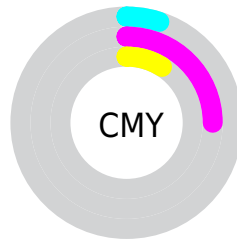
- Red (95%)
- Green (75%)
- Blue (91%)



- Red (95%)
- Yellow (75%)
- Blue (91%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1425, 0.3234, 0.2864 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 62.1425, 0.3234, 0.2864 by changing the saturation by 10% instead.


 62.1425, 0.3234,
0.2864

 62.1425, 0.3234,
0.2864

432.4507, 0.3186,
0.3059

 45.1479, 0.3244,
0.2820


 107.9315, 0.3218,
0.2931

 31.5739, 0.3257,
0.2765


137.4946, 0.3212,
0.2958

 21.0362, 0.3273,
0.2697


172.0159, 0.3206,
0.2981

 13.1505, 0.3292,
0.2608

211.8800, 0.3201,
0.3000

 7.5323, 0.3318,
0.2488

257.4711, 0.3197,
0.3018

 3.7971, 0.3352,
0.2318


309.1736, 0.3193,


 1.5607, 0.3400,


0.3033


0.2060


367.3720, 0.3190,
0.3047


 0.3309, 0.3607,
0.1279


 0.0000, 0.0000,
0.0000


 62.1425, 0.3234,
0.2864


 62.1425, 0.3234,
0.2864


 52.1231, 0.3296,
0.2660


 73.9346, 0.3180,
0.3067

 43.7815, 0.3365,
0.2461

 87.5719, 0.3133,
0.3263

 37.0262, 0.3441,
0.2278

 97.3237, 0.3096,
0.3364

 31.7537, 0.3522,
0.2119

 97.6460, 0.3067,
0.3313

■ 27.8485, 0.3607,
0.1996

■ 97.8008, 0.3054,
0.3290

■ 25.1775, 0.3691,
0.1917

■ 23.5812, 0.3773,
0.1885

■ 22.8519, 0.3841,
0.1889

Harmonies

Analogous

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



62.1425, 0.2874, 0.2722



62.1425, 0.3234, 0.2864



62.1425, 0.3582, 0.3105

Triad

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



62.1425, 0.3234, 0.2864



62.1425, 0.3665, 0.3887



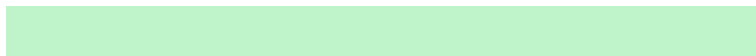
62.1425, 0.2491, 0.3120

Complementary

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



62.1425, 0.3234, 0.2864



79.4603, 0.3036, 0.3757

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.



62.1425, 0.2680, 0.3468



62.1425, 0.3234, 0.2864



62.1425, 0.3353, 0.3933

Square

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



62.1425, 0.3234, 0.2864



62.1425, 0.3836, 0.3682



62.1425, 0.2992, 0.3779



62.1425, 0.2463, 0.2848

Rectangle

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



62.1425, 0.3234, 0.2864



62.1425, 0.3752, 0.3298



62.1425, 0.2992, 0.3779



62.1425, 0.2537, 0.3232

Sweetspot

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



62.1452, 0.3234, 0.2864



90.4171, 0.3154, 0.3174



56.2020, 0.2840, 0.2705



19.1396, 0.3157, 0.3161



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.



62.1452, 0.3234, 0.2864



63.8764, 0.3262, 0.2769



60.8026, 0.3433, 0.3124



16.7048, 0.3170, 0.3105



12.5584, 0.3829, 0.1883



1.1184, 0.3736, 0.1832

Inverse Universe

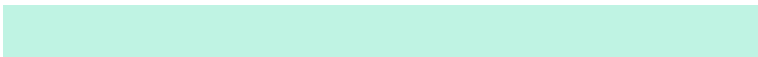
The Inverse Universe completely reimagines the original color for something new.



62.1452, 0.3234, 0.2864



63.8764, 0.3262, 0.2769



80.7659, 0.2893, 0.3463



16.7048, 0.3170, 0.3105



12.5584, 0.3829, 0.1883



1.1184, 0.3736, 0.1832

Previews

White Background



This preview shows how the Yxy color 62.1425, 0.3234, 0.2864 looks on a white background.

Color Contrast Check

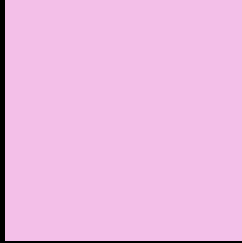
Large Text (above 18pt) WCAG AA × Fail

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 62.1425, 0.3234, 0.2864 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 62.1425, 0.3234, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 62.1425, 0.3234, 0.2864.



This preview shows how white text looks on a background with the Yxy color 62.1425, 0.3234, 0.2864.

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

62.1425, 0.3234, 0.2864

Protanopia

62.2929, 0.2851, 0.2886

Deuteranopia

62.0854, 0.3037, 0.2970



Tritanopia

62.2086, 0.3375, 0.3130

Trichromacy



Original Color

62.1425, 0.3234, 0.2864



Protanomaly

62.0805, 0.2982, 0.2875



Deuteranomaly

61.8708, 0.3106, 0.2923



Tritanomaly

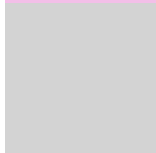
62.3463, 0.3322, 0.3036

Monochromacy



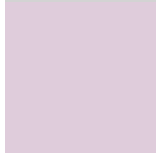
Original Color

62.1425, 0.3234, 0.2864



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.9882, 0.3165, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1425, 0.3234, 0.2864 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(243, 191, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 191, 232)  
}
```

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(243, 191, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 191, 232) }
```

Border

The CSS property to change the border of an element to Yxy 62.1425, 0.3234, 0.2864 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(243, 191, 232) }
```

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

```
.border{ border-color:rgb(243, 191, 232) }
```

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

Here you see how a box with a 4 pixel rgb(243, 191, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 191, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 191, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 191,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1425, 0.3234, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 191, 232) }
```

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

```
.background{ background-color: rgb(243,  
191, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor