

Converting Colors

$Y_{xy}(62.2772, 0.3033, 0.2628)$

Have a look what the booklet for
Yxy(62.2772, 0.3033, 0.2628)
contains.

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Color

Yxy(62.3976, 0.3037, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	EFBEFF
RGB	239, 190, 255
RGB Percent	94%, 75%, 100%
CMY	0.0624, 0.2550, 0.0000
CMYK	0.06, 0.26, 0.00, 0.00
HSL	285°, 100%, 87%
HSV	285°, 26%, 100%
XYZ	72.0812, 62.3976, 102.8647
YIQ	212.0610, 8.3390, 30.6030

Conversions

Conversions Part 2

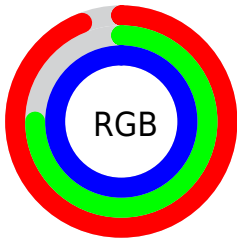
Format	Color
R _Y B	239, 190, 255
Decimal	15711999
CIE Lab	83.12, 28.70, -25.34
CIE LCh	83, 38.290, 318.561
Yxy	62.3976, 0.3037, 0.2629
Android (android.graphics.Color)	4293902079 (0xFFEFBEFF)
YUV	212.0610, 21.1689, 23.6255
Hunter-Lab	78.9922, 24.6470, -21.9137

Details

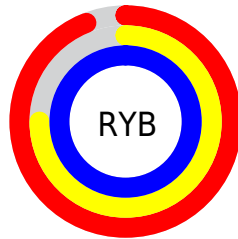
The Yxy color $62.3976, 0.3037, 0.2629$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $88.3430, 0.3191, 0.4000$, and the grayscale version is $65.7377, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $31.6306, 0.3005, 0.2482$ is the 20% darker color. If you saturate the color by 10%, you get $51.2362, 0.2990, 0.2358$, and if you desaturate by 10%, it is $75.5321, 0.3078, 0.2897$.

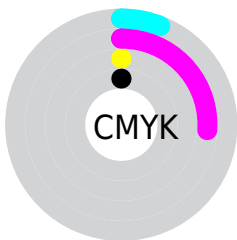
Distribution



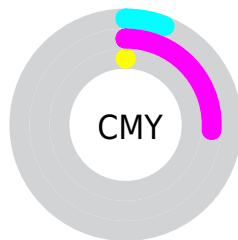
- Red (94%)
- Green (75%)
- Blue (100%)



- Red (94%)
- Yellow (75%)
- Blue (100%)



- Cyan (6%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3976, 0.3037, 0.2629 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 62.3976, 0.3037, 0.2629 by changing the saturation by 10% instead.

 62.3976, 0.3037,
0.2629

 62.3976, 0.3037,
0.2629


433.3799, 0.3086,
0.2926

 45.3540, 0.3024,
0.2563


 108.3000, 0.3055,
0.2730

 31.7364, 0.3008,
0.2484


137.9276, 0.3062,
0.2770

 21.1602, 0.2986,
0.2384


172.5186, 0.3067,
0.2805

 13.2412, 0.2956,
0.2258

212.4576, 0.3072,
0.2835

 7.5948, 0.2912,
0.2092

258.1288, 0.3076,
0.2862

 3.8368, 0.2843,
0.1866


309.9167, 0.3080,

 1.5827, 0.2724,


0.2886


0.1545


368.2056, 0.3083,
0.2907


 0.3459, 0.2553,
0.0846


 0.0000, 0.0000,
0.0000


 62.3976, 0.3037,
0.2629


 62.3976, 0.3037,
0.2629

 51.2362, 0.2990,
0.2358


 75.5321, 0.3078,
0.2897

 41.9419, 0.2936,
0.2093

 90.7284, 0.3111,
0.3154

 34.4061, 0.2876,
0.1845

100.0000, 0.3127,
0.3290

 28.5070, 0.2812,
0.1626

■ 24.1069, 0.2745,
0.1446

■ 21.0450, 0.2678,
0.1312

■ 19.1227, 0.2613,
0.1225

■ 18.5007, 0.2584,
0.1197

Harmonies

Analogous

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



62.3976, 0.2602, 0.2516



62.3976, 0.3037, 0.2629



62.3976, 0.3532, 0.2887

Triad

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



62.3976, 0.3037, 0.2629



62.3976, 0.3977, 0.3969



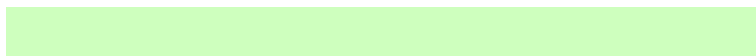
62.3976, 0.2374, 0.3260

Complementary

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



62.3976, 0.3037, 0.2629



88.3430, 0.3191, 0.4000

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.



62.3976, 0.2700, 0.3743



62.3976, 0.3037, 0.2629



62.3976, 0.3626, 0.4161

Square

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



62.3976, 0.3037, 0.2629



62.3976, 0.4098, 0.3627



62.3976, 0.3156, 0.4091



62.3976, 0.2244, 0.2836

Rectangle

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



62.3976, 0.3037, 0.2629



62.3976, 0.3820, 0.3116



62.3976, 0.3156, 0.4091



62.3976, 0.2463, 0.3424

Sweetspot

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



62.3993, 0.3037, 0.2629



86.7329, 0.3103, 0.3091



62.4165, 0.2702, 0.2747



18.0632, 0.3099, 0.3053



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.



62.3993, 0.3037, 0.2629



56.0234, 0.3012, 0.2480



64.2916, 0.3278, 0.2803



18.0632, 0.3099, 0.3053



9.7403, 0.2595, 0.1203



0.9992, 0.2668, 0.1243

Inverse Universe

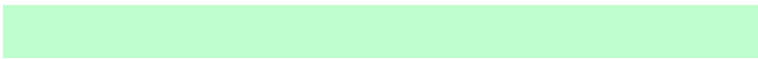
The Inverse Universe completely reimagines the original color for something new.



62.5258, 0.3539, 0.3127



56.2450, 0.3661, 0.3090



86.9309, 0.3005, 0.3833



18.0600, 0.3256, 0.3232



11.3126, 0.5952, 0.3052



1.1179, 0.5638, 0.2880

Previews

White Background



This preview shows how the Yxy color 62.3976, 0.3037, 0.2629 looks on a white background.

Color Contrast Check

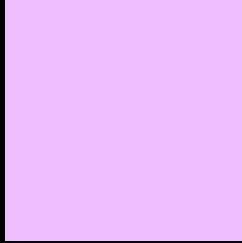
Large Text (above 18pt) WCAG AA × Fail

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 62.3976, 0.3037, 0.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

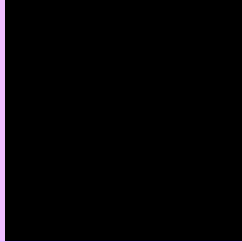
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3976, 0.3037, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 62.3976, 0.3037, 0.2629.

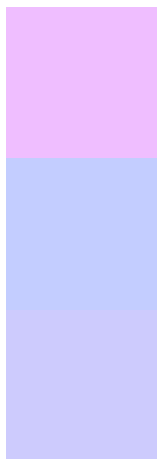


This preview shows how white text looks on a background with the Yxy color 62.3976, 0.3037, 0.2629.

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

62.3976, 0.3037, 0.2629

Protanopia

62.4847, 0.2733, 0.2738

Deuteranopia

62.7829, 0.2810, 0.2745



Tritanopia

62.5159, 0.3293, 0.3128

Trichromacy



Original Color

62.3976, 0.3037, 0.2629

Protanomaly

62.3774, 0.2837, 0.2699

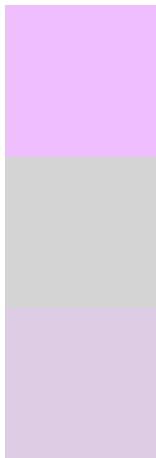
Deuteranomaly

62.2956, 0.2884, 0.2694

Tritanomaly

62.2938, 0.3198, 0.2939

Monochromacy



Original Color

62.3976, 0.3037, 0.2629

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.3168, 0.3094, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3976, 0.3037, 0.2629 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(239, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 190, 255)  
}
```

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(239, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.3976, 0.3037, 0.2629 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(239, 190, 255) }
```

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

```
.border{ border-color:rgb(239, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3976, 0.3037, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 190, 255) }
```

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

```
.background{ background-color: rgb(239,  
190, 255) }
```

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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