

Converting Colors

$Yxy(62.2698, 0.3016, 0.2632)$

Have a look what the booklet for
Yxy(62.2698, 0.3016, 0.2632)
contains.

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Color

Yxy(62.3145, 0.3014, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	ECBFFF
RGB	236, 191, 255
RGB Percent	93%, 75%, 100%
CMY	0.0745, 0.2510, 0.0000
CMYK	0.07, 0.25, 0.00, 0.00
HSL	282°, 100%, 87%
HSV	282°, 25%, 100%
XYZ	71.2774, 62.3145, 102.8958
YIQ	211.7510, 6.2760, 29.4440

Conversions

Conversions Part 2

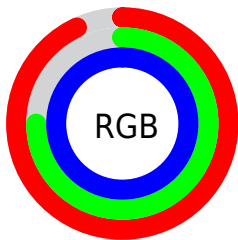
Format	Color
R_{YB}	236, 191, 255
Decimal	15515647
CIE _{Lab}	83.08, 27.19, -25.44
CIE _{LCh}	83, 37.235, 316.911
Yxy	62.3145, 0.3014, 0.2635
Android (android.graphics.Color)	4293705727 (0xFFECCBFFF)
YUV	211.7510, 21.3218, 21.2664
Hunter-Lab	78.9395, 23.0300, -22.0254

Details

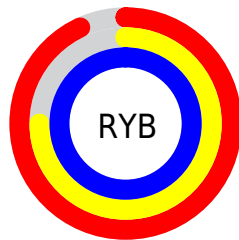
The Yxy color **62.3145, 0.3014, 0.2635** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.9816, 0.3211, 0.3983**, and the grayscale version is **65.5181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **31.6718, 0.2985, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **50.8773, 0.2955, 0.2359**, and if you desaturate by 10%, it is **75.7453, 0.3065, 0.2906**.

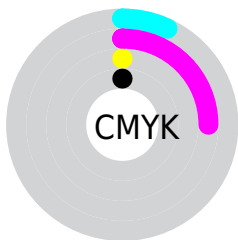
Distribution



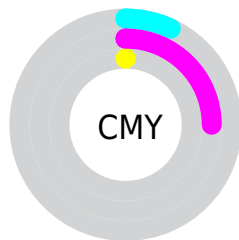
- Red (93%)
- Green (75%)
- Blue (100%)



- Red (93%)
- Yellow (75%)
- Blue (100%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3145, 0.3014, 0.2635 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 62.3145, 0.3014, 0.2635 by changing the saturation by 10% instead.

 62.3145, 0.3014,
0.2635

 62.3145, 0.3014,
0.2635


433.0774, 0.3073,
0.2930

 45.2869, 0.2999,
0.2570


 108.1799, 0.3036,
0.2736

 31.6834, 0.2980,
0.2490


137.7865, 0.3044,
0.2775

 21.1198, 0.2954,
0.2392


172.3549, 0.3051,
0.2810

 13.2116, 0.2920,
0.2266

212.2695, 0.3056,
0.2840

 7.5744, 0.2869,
0.2100

257.9146, 0.3061,
0.2866

 3.8239, 0.2791,
0.1874

309.6747, 0.3066,

 1.5755, 0.2659,

0.2890

0.1552

367.9342, 0.3070,
0.2911

0.3410, 0.2467,
0.0844

0.0000, 0.0000,
0.0000

62.3145, 0.3014,
0.2635

62.3145, 0.3014,
0.2635

50.8773, 0.2955,
0.2359

75.7453, 0.3065,
0.2906

41.3288, 0.2888,
0.2086

91.2595, 0.3108,
0.3164

33.5602, 0.2814,
0.1828

100.0000, 0.3127,
0.3290

27.4499, 0.2735,
0.1597

■ 22.8606, 0.2653,
0.1404

■ 19.6323, 0.2572,
0.1258

■ 17.5681, 0.2493,
0.1161

■ 16.8439, 0.2456,
0.1127

Harmonies

Analogous

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



62.3145, 0.2596, 0.2534



62.3145, 0.3014, 0.2635



62.3145, 0.3496, 0.2880

Triad

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



62.3145, 0.3014, 0.2635



62.3145, 0.3968, 0.3937



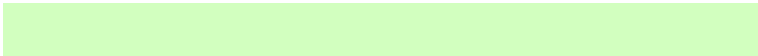
62.3145, 0.2407, 0.3288

Complementary

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



62.3145, 0.3014, 0.2635



88.9816, 0.3211, 0.3983

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.



62.3145, 0.2734, 0.3754



62.3145, 0.3014, 0.2635



62.3145, 0.3637, 0.4133

Square

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



62.3145, 0.3014, 0.2635



62.3145, 0.4070, 0.3600



62.3145, 0.3183, 0.4079



62.3145, 0.2267, 0.2868

Rectangle

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



62.3145, 0.3014, 0.2635



62.3145, 0.3781, 0.3101



62.3145, 0.3183, 0.4079



62.3145, 0.2497, 0.3447

Sweetspot

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



62.3158, 0.3014, 0.2635



86.5379, 0.3096, 0.3091



64.4880, 0.2713, 0.2793



18.0139, 0.3090, 0.3052



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.



62.3158, 0.3014, 0.2635



56.4664, 0.2986, 0.2500



64.9441, 0.3251, 0.2781



18.0139, 0.3090, 0.3052



8.8823, 0.2469, 0.1134



0.9215, 0.2555, 0.1181

Inverse Universe

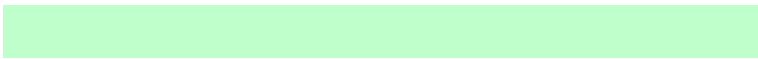
The Inverse Universe completely reimagines the original color for something new.



63.1739, 0.3504, 0.3096



57.5265, 0.3603, 0.3056



86.9463, 0.3024, 0.3860



18.0758, 0.3247, 0.3220



11.4017, 0.5780, 0.2958



1.1284, 0.5460, 0.2781

Previews

White Background



This preview shows how the Yxy color 62.3145, 0.3014, 0.2635 looks on a white background.

Color Contrast Check

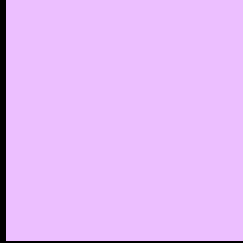
Large Text (above 18pt) WCAG AA × Fail

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 62.3145, 0.3014, 0.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

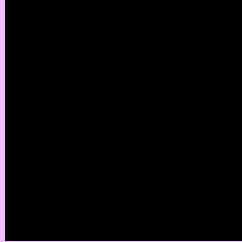
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3145, 0.3014, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 62.3145, 0.3014, 0.2635.

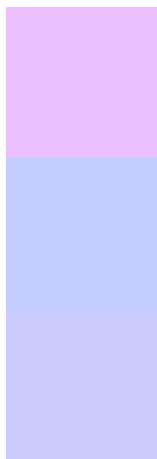


This preview shows how white text looks on a background with the Yxy color 62.3145, 0.3014, 0.2635.

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

62.3145, 0.3014, 0.2635

Protanopia

62.4847, 0.2733, 0.2738

Deuteranopia

62.6411, 0.2803, 0.2744



Tritanopia

62.5249, 0.3260, 0.3127

Trichromacy



Original Color

62.3145, 0.3014, 0.2635

Protanomaly

62.2302, 0.2830, 0.2698

Deuteranomaly

62.6015, 0.2877, 0.2703

Tritanomaly

62.2928, 0.3167, 0.2937

Monochromacy



Original Color

62.3145, 0.3014, 0.2635

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.1593, 0.3087, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3145, 0.3014, 0.2635 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(236, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 191, 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(236, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.3145, 0.3014, 0.2635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

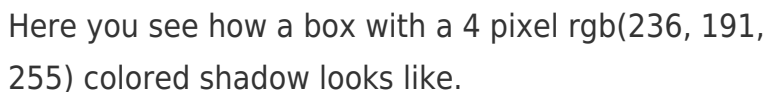
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 191, 255) }
```

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

```
.border{ border-color:rgb(236, 191, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(236, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3145, 0.3014, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 191, 255) }
```

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

```
.background{ background-color: rgb(236,  
191, 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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