

Converting Colors

$Yxy(62.5356, 0.2970, 0.2656)$

Have a look what the booklet for
Yxy(62.5356, 0.2970, 0.2656)
contains.

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Color

Yxy(62.6266, 0.2970, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	E6C2FF
RGB	230, 194, 255
RGB Percent	90%, 76%, 100%
CMY	0.0980, 0.2392, 0.0000
CMYK	0.10, 0.24, 0.00, 0.00
HSL	275°, 100%, 88%
HSV	275°, 24%, 100%
XYZ	69.9778, 62.6266, 103.0111
YIQ	211.7180, 1.8750, 26.6030

Conversions

Conversions Part 2

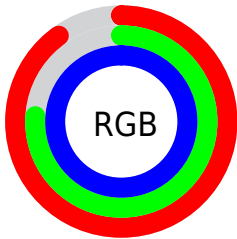
Format	Color
R_{YB}	230, 194, 255
Decimal	15123199
CIE _{Lab}	83.25, 23.70, -25.23
CIE _{LCh}	83, 34.614, 313.218
Yxy	62.6266, 0.2970, 0.2658
Android (android.graphics.Color)	4293313279 (0xFFE6C2FF)
YUV	211.7180, 21.3380, 16.0333
Hunter-Lab	79.1370, 19.3510, -21.7808

Details

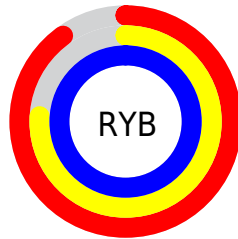
The Yxy color **62.6266, 0.2970, 0.2658** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.4734, 0.3252, 0.3938**, and the grayscale version is **65.4983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **31.8321, 0.2928, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **50.5586, 0.2886, 0.2371**, and if you desaturate by 10%, it is **76.7503, 0.3043, 0.2934**.

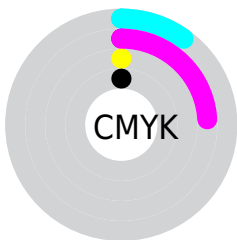
Distribution



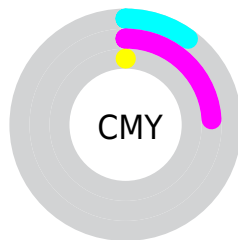
- Red (90%)
- Green (76%)
- Blue (100%)



- Red (90%)
- Yellow (76%)
- Blue (100%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6266, 0.2970, 0.2658 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 62.6266, 0.2970, 0.2658 by changing the saturation by 10% instead.


 62.6266, 0.2970,
0.2658

 62.6266, 0.2970,
0.2658


434.2131, 0.3049,
0.2944

 45.5392, 0.2951,
0.2595


 108.6306, 0.2998,
0.2756

 31.8823, 0.2926,
0.2517


138.3161, 0.3009,
0.2794

 21.2716, 0.2894,
0.2421


172.9696, 0.3018,
0.2827

 13.3227, 0.2851,
0.2298

212.9757, 0.3026,
0.2856

 7.6511, 0.2789,
0.2136

258.7187, 0.3033,
0.2882

 3.8725, 0.2696,
0.1914


310.5830, 0.3039,

 1.6025, 0.2542,

0.2905

0.1595


368.9530, 0.3044,
0.2925


 0.3593, 0.2310,
0.0900


 0.0000, 0.0000,
0.0000


 62.6266, 0.2970,
0.2658


 62.6266, 0.2970,
0.2658

 50.5586, 0.2886,
0.2371


 76.7503, 0.3043,
0.2934

 40.4380, 0.2791,
0.2082

 93.0167, 0.3106,
0.3194

 32.1572, 0.2687,
0.1803

100.0000, 0.3127,
0.3290

 25.5948, 0.2577,
0.1546

■ 20.6144, 0.2465,
0.1326

■ 17.0581, 0.2355,
0.1153

■ 14.7330, 0.2252,
0.1033

■ 13.7554, 0.2193,
0.0982

Harmonies

Analogous

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



62.6266, 0.2594, 0.2583



62.6266, 0.2970, 0.2658



62.6266, 0.3417, 0.2874

Triad

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



62.6266, 0.2970, 0.2658



62.6266, 0.3934, 0.3862



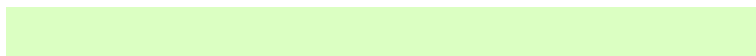
62.6266, 0.2485, 0.3344

Complementary

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



62.6266, 0.2970, 0.2658



90.4734, 0.3252, 0.3938

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.



62.6266, 0.2810, 0.3766



62.6266, 0.2970, 0.2658



62.6266, 0.3649, 0.4061

Square

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



62.6266, 0.2970, 0.2658



62.6266, 0.3996, 0.3540



62.6266, 0.3236, 0.4039



62.6266, 0.2330, 0.2942

Rectangle

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



62.6266, 0.2970, 0.2658



62.6266, 0.3690, 0.3075



62.6266, 0.3236, 0.4039



62.6266, 0.2577, 0.3491

Sweetspot

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



62.6289, 0.2970, 0.2658



87.7747, 0.3087, 0.3116



69.5704, 0.2740, 0.2900



18.5727, 0.3084, 0.3100



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.



62.6289, 0.2970, 0.2658



56.2485, 0.2929, 0.2513



66.7408, 0.3192, 0.2739



17.9077, 0.3072, 0.3051



7.2770, 0.2208, 0.0990



0.7725, 0.2319, 0.1051

Inverse Universe

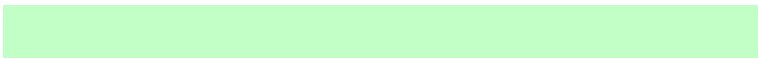
The Inverse Universe completely reimagines the original color for something new.



64.9578, 0.3427, 0.3036



59.0485, 0.3510, 0.2979



87.1169, 0.3068, 0.3911



18.1105, 0.3230, 0.3193



11.6638, 0.5345, 0.2718



1.1567, 0.5047, 0.2554

Previews

White Background



This preview shows how the Yxy color 62.6266, 0.2970, 0.2658 looks on a white background.

Color Contrast Check

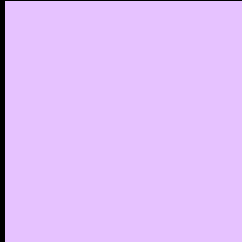
Large Text (above 18pt) WCAG AA × Fail

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 62.6266, 0.2970, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

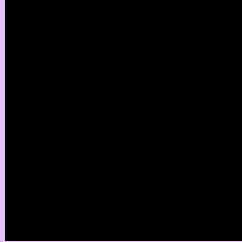
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6266, 0.2970, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 62.6266, 0.2970, 0.2658.

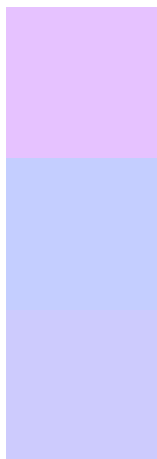


This preview shows how white text looks on a background with the Yxy color 62.6266, 0.2970, 0.2658.

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

62.6266, 0.2970, 0.2658

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.7829, 0.2810, 0.2745



Tritanopia

62.6303, 0.3189, 0.3114

Trichromacy



Original Color

62.6266, 0.2970, 0.2658

Protanomaly

62.8710, 0.2817, 0.2717

Deuteranomaly

62.7605, 0.2864, 0.2712

Tritanomaly

62.3264, 0.3106, 0.2934

Monochromacy



Original Color

62.6266, 0.2970, 0.2658

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.3241, 0.3072, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6266, 0.2970, 0.2658 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(230, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 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(230, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.6266, 0.2970, 0.2658 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(230, 194, 255) }
```

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

```
.border{ border-color:rgb(230, 194, 255) }
```

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

Here you see how a box with a 4 pixel rgb(230, 194, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6266, 0.2970, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 255) }
```

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

```
.background{ background-color: rgb(230,  
194, 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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