

Converting Colors

$Yxy(60.6208, 0.2968, 0.2650)$

Have a look what the booklet for
Yxy(60.6208, 0.2968, 0.2650)
contains.

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Color

Yxy(60.6208, 0.2968, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	E3BFFC
RGB	227, 191, 252
RGB Percent	89%, 75%, 99%
CMY	0.1096, 0.2510, 0.0116
CMYK	0.10, 0.24, 0.00, 0.01
HSL	275°, 91%, 87%
HSV	275°, 24%, 99%
XYZ	67.8953, 60.6208, 100.2416
YIQ	208.7180, 1.8750, 26.6030

Conversions

Conversions Part 2

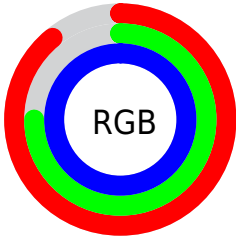
Format	Color
R _Y B	227, 191, 252
Decimal	14925820
CIE Lab	82.17, 23.80, -25.30
CIE LCh	82, 34.730, 313.250
Yxy	60.6208, 0.2968, 0.2650
Android (android.graphics.Color)	4293115900 (0xFFE3BFFC)
YUV	208.7180, 21.3380, 16.0333
Hunter-Lab	77.8594, 19.4026, -21.8326

Details

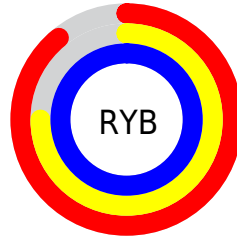
The Yxy color $60.6208, 0.2968, 0.2650$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.9931, 0.3253, 0.3947$, and the grayscale version is $63.4297, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $30.4894, 0.2924, 0.2505$ is the 20% darker color. If you saturate the color by 10%, you get $48.9343, 0.2884, 0.2363$, and if you desaturate by 10%, it is $74.3041, 0.3041, 0.2926$.

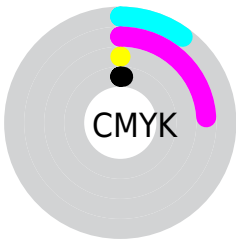
Distribution



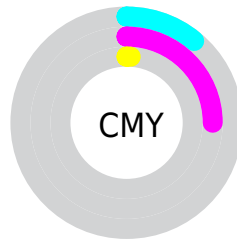
- Red (89%)
- Green (75%)
- Blue (99%)



- Red (89%)
- Yellow (75%)
- Blue (99%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)





- Cyan (11%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6208, 0.2968, 0.2650 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 60.6208, 0.2968, 0.2650 by changing the saturation by 10% instead.


 60.6208, 0.2968,
0.2650

 60.6208, 0.2968,
0.2650


426.8823, 0.3048,
0.2941

 43.9192, 0.2948,
0.2585


 105.7297, 0.2997,
0.2750

 30.6070, 0.2923,
0.2506


134.9058, 0.3008,
0.2789

 20.2998, 0.2890,
0.2407


169.0088, 0.3017,
0.2823

 12.6131, 0.2845,
0.2280

208.4232, 0.3025,
0.2852

 7.1627, 0.2780,
0.2113

253.5334, 0.3032,
0.2878

 3.5641, 0.2682,
0.1882

304.7237, 0.3038,

 1.4328, 0.2519,

0.2901

0.1549

362.3785, 0.3044,
0.2922

0.2407, 0.2299,
0.0683

0.0000, 0.0000,
0.0000

60.6208, 0.2968,
0.2650

60.6208, 0.2968,
0.2650

48.9343, 0.2884,
0.2363

74.3041, 0.3041,
0.2926

39.1384, 0.2789,
0.2075

90.0681, 0.3104,
0.3186

31.1283, 0.2685,
0.1796

99.8102, 0.3144,
0.3318

24.7859, 0.2575,
0.1540

■ 19.9780, 0.2463,
0.1321

■ 16.5506, 0.2353,
0.1150

■ 14.3151, 0.2250,
0.1031

■ 13.4113, 0.2194,
0.0983

Harmonies

Analogous

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



60.6208, 0.2587, 0.2574



60.6208, 0.2968, 0.2650



60.6208, 0.3421, 0.2868

Triad

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



60.6208, 0.2968, 0.2650



60.6208, 0.3945, 0.3869



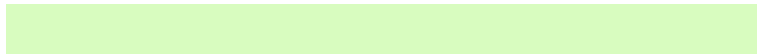
60.6208, 0.2476, 0.3344

Complementary

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



60.6208, 0.2968, 0.2650



87.9931, 0.3253, 0.3947

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.



60.6208, 0.2805, 0.3773



60.6208, 0.2968, 0.2650



60.6208, 0.3656, 0.4072

Square

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



60.6208, 0.2968, 0.2650



60.6208, 0.4008, 0.3543



60.6208, 0.3236, 0.4050



60.6208, 0.2320, 0.2936

Rectangle

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



60.6208, 0.2968, 0.2650



60.6208, 0.3698, 0.3072



60.6208, 0.3236, 0.4050



60.6208, 0.2569, 0.3493

Sweetspot

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



60.6234, 0.2968, 0.2650



87.7763, 0.3087, 0.3116



67.4308, 0.2736, 0.2895



18.5731, 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.



60.6234, 0.2968, 0.2650



56.2544, 0.2929, 0.2513



64.6667, 0.3193, 0.2732



17.1499, 0.3072, 0.3051



7.0726, 0.2210, 0.0991



0.7170, 0.2326, 0.1055

Inverse Universe

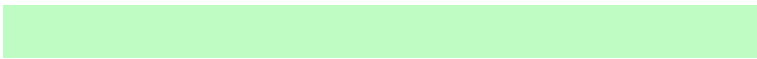
The Inverse Universe completely reimagines the original color for something new.



62.9107, 0.3431, 0.3033



59.0467, 0.3511, 0.2979



84.7022, 0.3067, 0.3920



17.3430, 0.3229, 0.3193



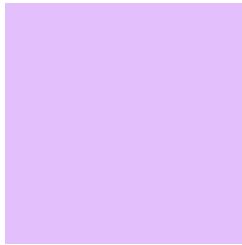
11.3192, 0.5344, 0.2718



1.0688, 0.5032, 0.2546

Previews

White Background



This preview shows how the Yxy color 60.6208, 0.2968, 0.2650 looks on a white background.

Color Contrast Check

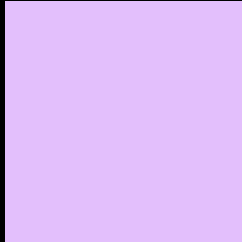
Large Text (above 18pt) WCAG AA × Fail

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 60.6208, 0.2968, 0.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

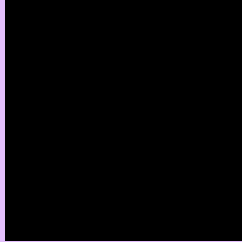
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6208, 0.2968, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 60.6208, 0.2968, 0.2650.

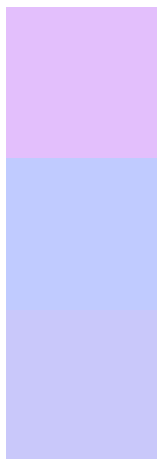


This preview shows how white text looks on a background with the Yxy color 60.6208, 0.2968, 0.2650.

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

60.6208, 0.2968, 0.2650

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

60.6282, 0.2799, 0.2737



Tritanopia

60.6154, 0.3190, 0.3112

Trichromacy



Original Color

60.6208, 0.2968, 0.2650

Protanomaly

60.9817, 0.2801, 0.2690

Deuteranomaly

60.5992, 0.2853, 0.2704

Tritanomaly

60.3196, 0.3105, 0.2929

Monochromacy



Original Color

60.6208, 0.2968, 0.2650

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.2762, 0.3071, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6208, 0.2968, 0.2650 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(227, 191, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 252)  
}
```

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(227, 191, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 252) }
```

Border

The CSS property to change the border of an element to Yxy 60.6208, 0.2968, 0.2650 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(227, 191, 252) }
```

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

```
.border{ border-color:rgb(227, 191, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 191, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6208, 0.2968, 0.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 191, 252) }
```

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

```
.background{ background-color: rgb(227,  
191, 252) }
```

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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