

Converting Colors

$Yxy(60.6596, 0.3067, 0.2752)$

Have a look what the booklet for
Yxy(60.6596, 0.3067, 0.2752)
contains.

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Color

Yxy(60.6613, 0.3067, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	E7BFF2
RGB	231, 191, 242
RGB Percent	91%, 75%, 95%
CMY	0.0943, 0.2509, 0.0509
CMYK	0.05, 0.21, 0.00, 0.05
HSL	287°, 66%, 85%
HSV	287°, 21%, 95%
XYZ	67.6047, 60.6613, 92.1602
YIQ	208.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

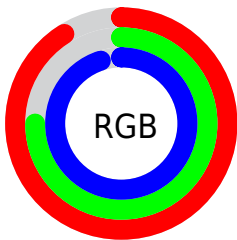
Format	Color
R _Y B	231, 191, 242
Decimal	15187954
CIE Lab	82.20, 23.06, -19.88
CIE LCh	82, 30.451, 319.235
Yxy	60.6613, 0.3067, 0.2752
Android (android.graphics.Color)	4293378034 (0xFFE7BFF2)
YUV	208.7740, 16.3804, 19.4922
Hunter-Lab	77.8854, 18.6391, -15.6369

Details

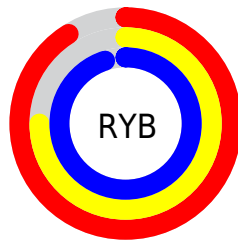
The Yxy color **60.6613, 0.3067, 0.2752** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.8415, 0.3172, 0.3864**, and the grayscale version is **63.4931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **30.5505, 0.3046, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **50.1051, 0.3029, 0.2485**, and if you desaturate by 10%, it is **72.9929, 0.3099, 0.3014**.

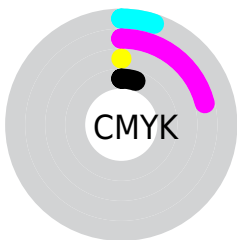
Distribution



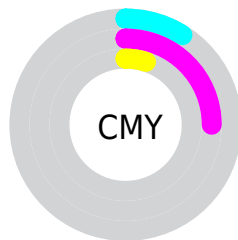
- Red (91%)
- Green (75%)
- Blue (95%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6613, 0.3067, 0.2752 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 60.6613, 0.3067, 0.2752 by changing the saturation by 10% instead.

 60.6613, 0.3067,
0.2752

 60.6613, 0.3067,
0.2752


427.0310, 0.3100,
0.2998

 43.9519, 0.3058,
0.2697

 105.7884, 0.3079,
0.2837

 30.6327, 0.3047,
0.2629


134.9748, 0.3084,
0.2870

 20.3193, 0.3032,
0.2543


169.0891, 0.3088,
0.2899

 12.6274, 0.3011,
0.2433

208.5155, 0.3091,
0.2924

 7.1725, 0.2979,
0.2285

253.6385, 0.3093,
0.2946

 3.5702, 0.2927,
0.2078


304.8425, 0.3096,

 1.4362, 0.2835,


0.2965


0.1771


362.5119, 0.3098,
0.2983


 0.2431, 0.2767,
0.0847


 0.0000, 0.0000,
0.0000


 60.6613, 0.3067,
0.2752


 60.6613, 0.3067,
0.2752

 50.1051, 0.3029,
0.2485


 72.9929, 0.3099,
0.3014


 41.2307, 0.2986,
0.2220

 87.1721, 0.3125,
0.3264

 33.9476, 0.2936,
0.1968

 97.6508, 0.3150,
0.3417

 28.1538, 0.2882,
0.1740

 98.6164, 0.3183,
0.3415

■ 23.7349, 0.2825,
0.1548

■ 99.1917, 0.3203,
0.3415

■ 20.5601, 0.2766,
0.1398

■ 18.4724, 0.2708,
0.1295

■ 17.3024, 0.2657,
0.1237

Harmonies

Analogous

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



60.6613, 0.2710, 0.2658



60.6613, 0.3067, 0.2752



60.6613, 0.3463, 0.2968

Triad

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



60.6613, 0.3067, 0.2752



60.6613, 0.3809, 0.3851



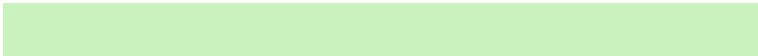
60.6613, 0.2512, 0.3264

Complementary

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



60.6613, 0.3067, 0.2752



79.8415, 0.3172, 0.3864

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.



60.6613, 0.2778, 0.3642



60.6613, 0.3067, 0.2752



60.6613, 0.3527, 0.3988

Square

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



60.6613, 0.3067, 0.2752



60.6613, 0.3906, 0.3581



60.6613, 0.3148, 0.3919



60.6613, 0.2406, 0.2924

Rectangle

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



60.6613, 0.3067, 0.2752



60.6613, 0.3689, 0.3160



60.6613, 0.3148, 0.3919



60.6613, 0.2585, 0.3392

Sweetspot

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



60.6639, 0.3067, 0.2752



90.0002, 0.3113, 0.3142



60.1634, 0.2782, 0.2844



19.0408, 0.3111, 0.3126



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.



60.6639, 0.3067, 0.2752



63.3238, 0.3053, 0.2645



61.7740, 0.3253, 0.2899



15.8485, 0.3103, 0.3055



9.3559, 0.2666, 0.1242



0.8207, 0.2741, 0.1284

Inverse Universe

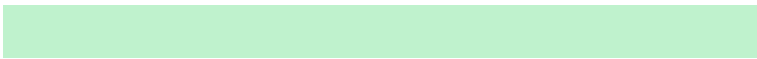
The Inverse Universe completely reimagines the original color for something new.



60.4171, 0.3462, 0.3172



63.0417, 0.3544, 0.3149



78.9807, 0.3021, 0.3715



15.8149, 0.3259, 0.3239



10.2928, 0.6028, 0.3094



0.8706, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 60.6613, 0.3067, 0.2752 looks on a white background.

Color Contrast Check

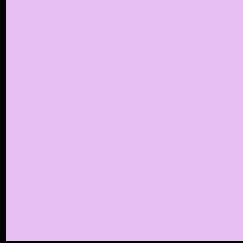
Large Text (above 18pt) WCAG AA × Fail

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 60.6613, 0.3067, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

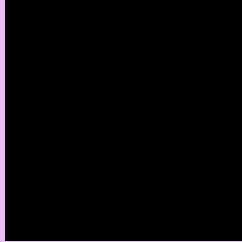
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6613, 0.3067, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 60.6613, 0.3067, 0.2752.



This preview shows how white text looks on a background with the Yxy color 60.6613, 0.3067, 0.2752.

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

60.6613, 0.3067, 0.2752

Protanopia

61.0833, 0.2754, 0.2764

Deuteranopia

60.8652, 0.2904, 0.2846



Tritanopia

60.4021, 0.3247, 0.3113

Trichromacy



Original Color

60.6613, 0.3067, 0.2752

Protanomaly

60.8276, 0.2859, 0.2762

Deuteranomaly

60.8823, 0.2962, 0.2810

Tritanomaly

60.4053, 0.3181, 0.2974

Monochromacy



Original Color

60.6613, 0.3067, 0.2752

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.2132, 0.3107, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6613, 0.3067, 0.2752 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(231, 191, 242)` looks like.

```
.text, #text, p{  
    color:rgb(231, 191, 242)  
}
```

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(231, 191, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 191, 242) }
```

Border

The CSS property to change the border of an element to Yxy 60.6613, 0.3067, 0.2752 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(231, 191, 242) }
```

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

```
.border{ border-color:rgb(231, 191, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 191, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 191, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 191, 242);  
box-shadow:4px 4px 4px 4px rgb(231, 191,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6613, 0.3067, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 191, 242) }
```

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

```
.background{ background-color: rgb(231,  
191, 242) }
```

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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