

Converting Colors

Yxy(60.8953, 0.3118, 0.2724)

Have a look what the booklet for
Yxy(60.8953, 0.3118, 0.2724)
contains.

| | |
|---|----|
| Yxy(60.7882, 0.3123, 0.2721) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(60.7882, 0.3123, 0.2721)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EFBCF3 |
| RGB | 239, 188, 243 |
| RGB Percent | 94%, 74%, 95% |
| CMY | 0.0625, 0.2628, 0.0471 |
| CMYK | 0.02, 0.23, 0.00, 0.05 |
| HSL | 296°, 70%, 85% |
| HSV | 296°, 23%, 95% |
| XYZ | 69.7690, 60.7882, 92.8467 |
| YIQ | 209.5190, 12.7410, 27.9170 |

Conversions

Conversions Part 2

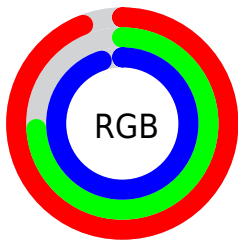
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 239, 188, 243 |
| Decimal | 15711475 |
| CIE Lab | 82.26, 27.48, -20.23 |
| CIE LCh | 82, 34.126, 323.637 |
| Yxy | 60.7882, 0.3123, 0.2721 |
| Android (android.graphics.Color) | 4293901555 (0xFFEFBCF3) |
| YUV | 209.5190, 16.5061, 25.8548 |
| Hunter-Lab | 77.9668, 23.2899, -16.0287 |

Details

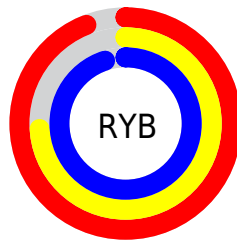
The Yxy color $60.7882, 0.3123, 0.2721$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $78.9273, 0.3123, 0.3922$, and the grayscale version is $64.0046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $30.5831, 0.3108, 0.2584$ is the 20% darker color. If you saturate the color by 10%, you get $50.9671, 0.3118, 0.2467$, and if you desaturate by 10%, it is $72.3653, 0.3126, 0.2977$.

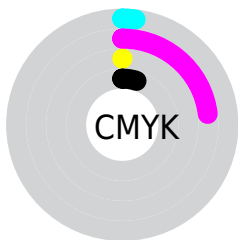
Distribution



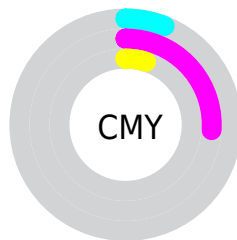
- Red (94%)
- Green (74%)
- Blue (95%)



- Red (94%)
- Yellow (74%)
- Blue (95%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)




- Cyan (6%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7882, 0.3123, 0.2721 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 60.7882, 0.3123, 0.2721 by changing the saturation by 10% instead.


 60.7882, 0.3123,
0.2721

 60.7882, 0.3123,
0.2721


427.4970, 0.3130,
0.2980

 44.0543, 0.3120,
0.2663


 105.9722, 0.3126,
0.2810

 30.7132, 0.3116,
0.2592


135.1911, 0.3127,
0.2845

 20.3805, 0.3110,
0.2503


169.3403, 0.3128,
0.2875

 12.6720, 0.3100,
0.2389

208.8045, 0.3129,
0.2901

 7.2030, 0.3085,
0.2237

253.9678, 0.3129,
0.2924

 3.5894, 0.3056,
0.2025

305.2147, 0.3130,

 1.4466, 0.2998,


0.2945

0.1714


362.9297, 0.3130,
0.2963


 0.2507, 0.2992,
0.0823


 0.0000, 0.0000,
0.0000

 60.7882, 0.3123,
0.2721


 60.7882, 0.3123,
0.2721


 50.9671, 0.3118,
0.2467


 72.3653, 0.3126,
0.2977


 42.8065, 0.3110,
0.2222

 85.7719, 0.3127,
0.3226

 36.2141, 0.3101,
0.1998

 97.2741, 0.3130,
0.3407

 31.0853, 0.3088,
0.1804

 97.5880, 0.3140,
0.3407

■ 27.3026, 0.3074,
0.1649

■ 97.9048, 0.3151,
0.3407

■ 24.7307, 0.3057,
0.1537

■ 98.2246, 0.3162,
0.3406

■ 23.2057, 0.3040,
0.1469

■ 98.5473, 0.3173,
0.3406

■ 22.5689, 0.3027,
0.1441

■ 98.8731, 0.3184,
0.3406

■ 99.2018, 0.3195,
0.3405

Harmonies

Analogous

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



60.7882, 0.2712, 0.2594



60.7882, 0.3123, 0.2721



60.7882, 0.3563, 0.2975

Triad

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



60.7882, 0.3123, 0.2721



60.7882, 0.3853, 0.3948



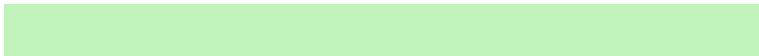
60.7882, 0.2413, 0.3195

Complementary

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



60.7882, 0.3123, 0.2721



78.9273, 0.3123, 0.3922

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.



60.7882, 0.2683, 0.3627



60.7882, 0.3123, 0.2721



60.7882, 0.3513, 0.4079

Square

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



60.7882, 0.3123, 0.2721



60.7882, 0.4000, 0.3658



60.7882, 0.3083, 0.3967



60.7882, 0.2325, 0.2833

Rectangle

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



60.7882, 0.3123, 0.2721



60.7882, 0.3804, 0.3192



60.7882, 0.3083, 0.3967



60.7882, 0.2484, 0.3338

Sweetspot

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



60.7908, 0.3123, 0.2721



88.8932, 0.3127, 0.3118



55.1108, 0.2747, 0.2708



18.8322, 0.3127, 0.3103



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.



60.7908, 0.3123, 0.2721



62.7362, 0.3121, 0.2608



60.1860, 0.3329, 0.2952



16.7042, 0.3127, 0.3056



12.4123, 0.3030, 0.1443



1.1087, 0.3054, 0.1456

Inverse Universe

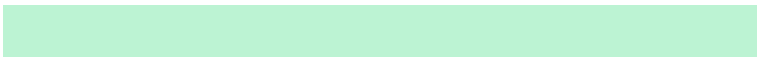
The Inverse Universe completely reimagines the original color for something new.



58.8175, 0.3560, 0.3249



60.2066, 0.3673, 0.3240



79.4874, 0.2967, 0.3654



16.5018, 0.3282, 0.3273



10.4879, 0.6325, 0.3258



0.9284, 0.6145, 0.3159

Previews

White Background



This preview shows how the Yxy color 60.7882, 0.3123, 0.2721 looks on a white background.

Color Contrast Check

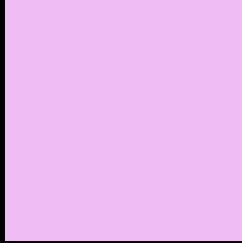
Large Text (above 18pt) WCAG AA × Fail

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 60.7882, 0.3123, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

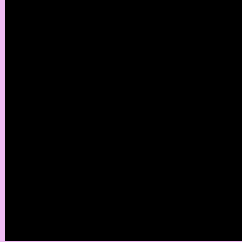
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7882, 0.3123, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 60.7882, 0.3123, 0.2721.



This preview shows how white text looks on a background with the Yxy color 60.7882, 0.3123, 0.2721.

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

60.7882, 0.3123, 0.2721

Protanopia

61.1412, 0.2730, 0.2733

Deuteranopia

60.9248, 0.2898, 0.2835



Tritanopia

60.6794, 0.3336, 0.3127

Trichromacy



Original Color

60.7882, 0.3123, 0.2721



Protanomaly

60.9294, 0.2867, 0.2734



Deuteranomaly

60.9507, 0.2977, 0.2792



Tritanomaly

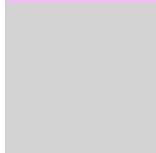
60.7526, 0.3261, 0.2980

Monochromacy



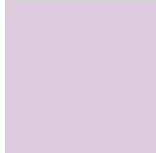
Original Color

60.7882, 0.3123, 0.2721



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.8871, 0.3130, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7882, 0.3123, 0.2721 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, 188, 243)` looks like.

```
.text, #text, p{  
    color:rgb(239, 188, 243)  
}
```

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, 188, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 188, 243) }
```

Border

The CSS property to change the border of an element to Yxy 60.7882, 0.3123, 0.2721 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, 188, 243) }
```

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

```
.border{ border-color:rgb(239, 188, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 188, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 188, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 188, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 188,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7882, 0.3123, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 188, 243) }
```

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

```
.background{ background-color: rgb(239,  
188, 243) }
```

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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