

Converting Colors

$Y_{xy}(76.1889, 0.2873, 0.2658)$

Have a look what the booklet for
Yxy(76.1889, 0.2873, 0.2658)
contains.

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Color

Yxy(74.5089, 0.3027, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	EED8FF
RGB	238, 216, 255
RGB Percent	93%, 85%, 100%
CMY	0.0665, 0.1530, 0.0000
CMYK	0.07, 0.15, 0.00, 0.00
HSL	274°, 100%, 92%
HSV	274°, 15%, 100%
XYZ	77.8793, 74.5089, 104.8939
YIQ	227.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

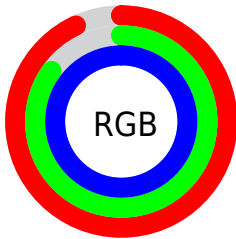
Format	Color
R _Y B	238, 216, 255
Decimal	15653119
CIE Lab	89.16, 14.59, -16.21
CIE LCh	89, 21.811, 311.985
Yxy	74.5089, 0.3027, 0.2896
Android (android.graphics.Color)	4293843199 (0xFFEED8FF)
YUV	227.0240, 13.7922, 9.6260
Hunter-Lab	86.3185, 9.9909, -11.6260

Details

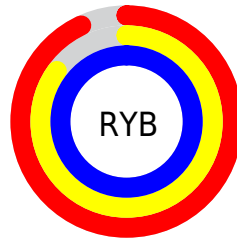
The Yxy color $74.5089, 0.3027, 0.2896$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $93.7903, 0.3214, 0.3688$, and the grayscale version is $76.7370, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5120, 0.3004, 0.2811$ is the 20% darker color. If you saturate the color by 10%, you get $60.5848, 0.2947, 0.2617$, and if you desaturate by 10%, it is $90.5832, 0.3095, 0.3159$.

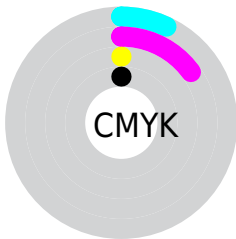
Distribution



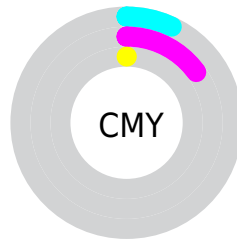
- Red (93%)
- Green (85%)
- Blue (100%)



- Red (93%)
- Yellow (85%)
- Blue (100%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5089, 0.3027, 0.2896 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 74.5089, 0.3027, 0.2896 by changing the saturation by 10% instead.

 74.5089, 0.3027,
0.2896

 74.5089, 0.3027,
0.2896

476.2279, 0.3075,
0.3072

 55.2107, 0.3016,
0.2857

125.6169, 0.3044,
0.2956

 39.5704, 0.3002,
0.2810


158.1955, 0.3050,
0.2980

 27.2038, 0.2984,
0.2751


195.9697, 0.3056,
0.3000

 17.7263, 0.2960,
0.2675

239.3238, 0.3061,
0.3018

 10.7537, 0.2927,
0.2576

288.6423, 0.3065,
0.3034

 5.9014, 0.2879,
0.2438

344.3096, 0.3069,

 2.7852, 0.2802,

0.3048

0.2238

406.7100, 0.3072,
0.3061

■ 1.0207, 0.2664,
0.1919

■ 0.0000, 0.2058,
0.0000

■ 74.5089, 0.3027,
0.2896

■ 74.5089, 0.3027,
0.2896

■ 60.5848, 0.2947,
0.2617

■ 90.5832, 0.3095,
0.3159

■ 48.7084, 0.2856,
0.2327

100.0000, 0.3127,
0.3290

■ 38.7795, 0.2754,
0.2035

■ 30.6862, 0.2642,
0.1753

■ 24.3050, 0.2525,
0.1496

■ 19.4966, 0.2407,
0.1277

■ 16.0988, 0.2292,
0.1107

■ 13.9118, 0.2186,
0.0992

■ 13.1684, 0.2139,
0.0952

Harmonies

Analogous

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



74.5089, 0.2798, 0.2858



74.5089, 0.3027, 0.2896



74.5089, 0.3292, 0.3029

Triad

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



74.5089, 0.3027, 0.2896



74.5089, 0.3613, 0.3637



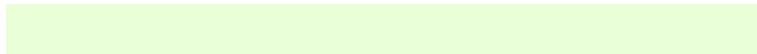
74.5089, 0.2746, 0.3339

Complementary

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



74.5089, 0.3027, 0.2896



93.7903, 0.3214, 0.3688

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.



74.5089, 0.2952, 0.3574



74.5089, 0.3027, 0.2896



74.5089, 0.3454, 0.3745

Square

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



74.5089, 0.3027, 0.2896



74.5089, 0.3638, 0.3445



74.5089, 0.3211, 0.3726



74.5089, 0.2642, 0.3100

Rectangle

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



74.5089, 0.3027, 0.2896



74.5089, 0.3452, 0.3155



74.5089, 0.3211, 0.3726



74.5089, 0.2805, 0.3422

Sweetspot

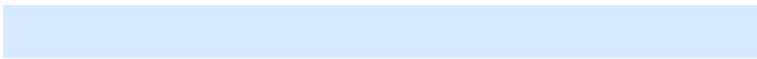
The Sweet Spot groups the original color and five complimentary colors.



74.5113, 0.3027, 0.2896



91.0977, 0.3097, 0.3166



80.4029, 0.2886, 0.3066



19.2405, 0.3093, 0.3149



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.



74.5113, 0.3027, 0.2896



70.5421, 0.3007, 0.2822



77.4604, 0.3158, 0.2928



17.8846, 0.3068, 0.3051



6.9707, 0.2155, 0.0961



0.7433, 0.2269, 0.1024

Inverse Universe

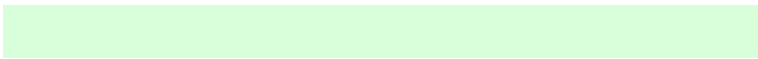
The Inverse Universe completely reimagines the original color for something new.



76.2450, 0.3295, 0.3122



72.5695, 0.3331, 0.3090



91.1758, 0.3097, 0.3680



18.1181, 0.3226, 0.3187



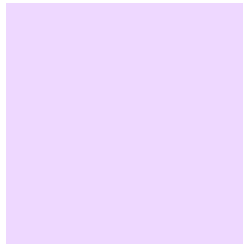
11.7347, 0.5242, 0.2661



1.1640, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 74.5089, 0.3027, 0.2896 looks on a white background.

Color Contrast Check

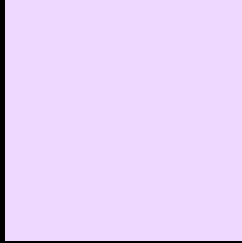
Large Text (above 18pt) WCAG AA × Fail

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 74.5089, 0.3027, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

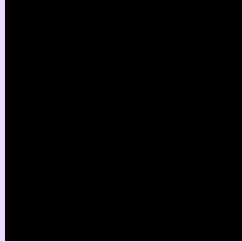
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

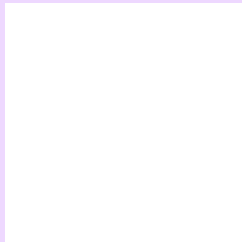
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5089, 0.3027, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 74.5089, 0.3027, 0.2896.

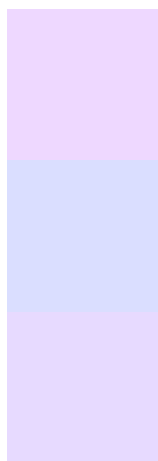


This preview shows how white text looks on a background with the Yxy color 74.5089, 0.3027, 0.2896.

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

74.5089, 0.3027, 0.2896

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

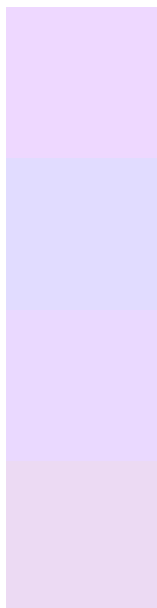
74.3517, 0.2979, 0.2911



Tritanopia

74.3813, 0.3128, 0.3114

Trichromacy



Original Color

74.5089, 0.3027, 0.2896

Protanomaly

74.4140, 0.2939, 0.2928

Deuteranomaly

74.3381, 0.2999, 0.2903

Tritanomaly

74.4467, 0.3090, 0.3033

Monochromacy



Original Color

74.5089, 0.3027, 0.2896

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8787, 0.3092, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5089, 0.3027, 0.2896 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(238, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 216, 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(238, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 216, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.5089, 0.3027, 0.2896 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(238, 216, 255) }
```

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

```
.border{ border-color:rgb(238, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 216,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5089, 0.3027, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 216, 255) }
```

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

```
.background{ background-color: rgb(238,  
216, 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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