

Converting Colors

Yxy(75.4918, 0.3052, 0.2906)

Have a look what the booklet for
Yxy(75.4918, 0.3052, 0.2906)
contains.

Yxy(75.7230, 0.3054, 0.2910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.7230, 0.3054, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9FF
RGB	242, 217, 255
RGB Percent	95%, 85%, 100%
CMY	0.0511, 0.1489, 0.0000
CMYK	0.05, 0.15, 0.00, 0.00
HSL	279°, 100%, 93%
HSV	279°, 15%, 100%
XYZ	79.4701, 75.7230, 105.0234
YIQ	228.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

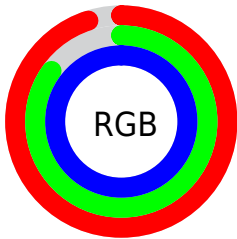
Format	Color
R _Y B	242, 217, 255
Decimal	15915519
CIE _{Lab}	89.73, 15.31, -15.31
CIE _{LCh}	90, 21.651, 314.984
Yxy	75.7230, 0.3054, 0.2910
Android (android.graphics.Color)	4294105599 (0xFFFF2D9FF)
YUV	228.8070, 12.9131, 11.5703
Hunter-Lab	87.0190, 10.7320, -10.6440

Details

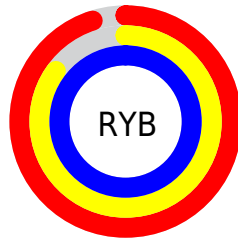
The Yxy color $75.7230, 0.3054, 0.2910$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $93.3522, 0.3190, 0.3680$, and the grayscale version is $78.1065, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3570, 0.3040, 0.2829$ is the 20% darker color. If you saturate the color by 10%, you get $62.0694, 0.2994, 0.2637$, and if you desaturate by 10%, it is $91.4879, 0.3105, 0.3169$.

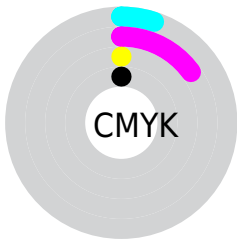
Distribution



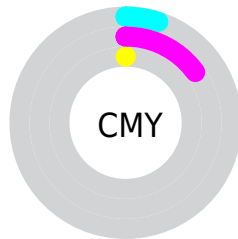
- Red (95%)
- Green (85%)
- Blue (100%)



- Red (95%)
- Yellow (85%)
- Blue (100%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7230, 0.3054, 0.2910 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 75.7230, 0.3054, 0.2910 by changing the saturation by 10% instead.


 75.7230, 0.3054,
0.2910

 75.7230, 0.3054,
0.2910


480.3989, 0.3089,
0.3080

 56.2054, 0.3046,
0.2873


127.3353, 0.3067,
0.2968

 40.3676, 0.3035,
0.2827


160.1987, 0.3071,
0.2991

 27.8253, 0.3022,
0.2771


198.2796, 0.3075,
0.3010

 18.1940, 0.3004,
0.2699

241.9623, 0.3079,
0.3028

 11.0894, 0.2978,
0.2604

291.6312, 0.3082,
0.3043

 6.1270, 0.2941,
0.2473

347.6706, 0.3085,

 2.9224, 0.2882,

0.3057

0.2282

410.4651, 0.3087,
0.3069

■ 1.0914, 0.2773,
0.1980

■ 0.0000, 0.2492,
0.0000

■ 75.7230, 0.3054,
0.2910

■ 75.7230, 0.3054,
0.2910

■ 62.0694, 0.2994,
0.2637

■ 91.4879, 0.3105,
0.3169

■ 50.4234, 0.2924,
0.2356

99.9992, 0.3127,
0.3290

■ 40.6871, 0.2845,
0.2076

■ 32.7501, 0.2758,
0.1810

■ 26.4909, 0.2666,
0.1569

■ 21.7720, 0.2572,
0.1366

■ 18.4338, 0.2478,
0.1210

■ 16.2799, 0.2389,
0.1105

■ 15.4941, 0.2345,
0.1066

Harmonies

Analogous

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



75.7230, 0.2822, 0.2862



75.7230, 0.3054, 0.2910



75.7230, 0.3315, 0.3049

Triad

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



75.7230, 0.3054, 0.2910



75.7230, 0.3597, 0.3648



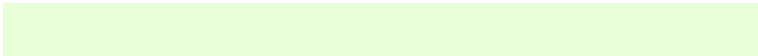
75.7230, 0.2736, 0.3314

Complementary

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



75.7230, 0.3054, 0.2910



93.3522, 0.3190, 0.3680

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.



75.7230, 0.2931, 0.3550



75.7230, 0.3054, 0.2910



75.7230, 0.3429, 0.3744

Square

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



75.7230, 0.3054, 0.2910



75.7230, 0.3636, 0.3464



75.7230, 0.3184, 0.3711



75.7230, 0.2644, 0.3082

Rectangle

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



75.7230, 0.3054, 0.2910



75.7230, 0.3469, 0.3177



75.7230, 0.3184, 0.3711



75.7230, 0.2791, 0.3396

Sweetspot

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



75.7262, 0.3054, 0.2910



93.0065, 0.3109, 0.3192



78.7391, 0.2891, 0.3033



19.6342, 0.3106, 0.3173



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.



75.7262, 0.3054, 0.2910



71.2659, 0.3036, 0.2826



77.7510, 0.3182, 0.2974



17.9703, 0.3083, 0.3052



8.1828, 0.2359, 0.1073



0.8572, 0.2457, 0.1127

Inverse Universe

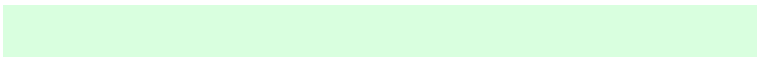
The Inverse Universe completely reimagines the original color for something new.



76.6086, 0.3314, 0.3160



72.3376, 0.3361, 0.3132



91.5789, 0.3076, 0.3628



18.0899, 0.3240, 0.3209



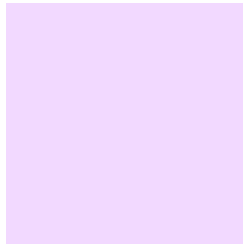
11.4973, 0.5610, 0.2864



1.1390, 0.5294, 0.2690

Previews

White Background



This preview shows how the Yxy color 75.7230, 0.3054, 0.2910 looks on a white background.

Color Contrast Check

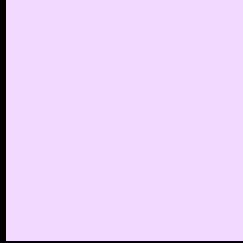
Large Text (above 18pt) WCAG AA × Fail

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 75.7230, 0.3054, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

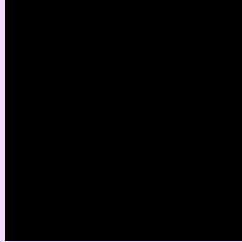
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

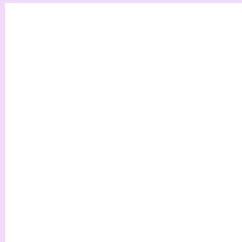
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7230, 0.3054, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 75.7230, 0.3054, 0.2910.



This preview shows how white text looks on a background with the Yxy color 75.7230, 0.3054, 0.2910.

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

75.7230, 0.3054, 0.2910

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

75.8346, 0.3006, 0.2944



Tritanopia

75.6515, 0.3149, 0.3116

Trichromacy



Original Color

75.7230, 0.3054, 0.2910

Protanomaly

75.4269, 0.2959, 0.2941

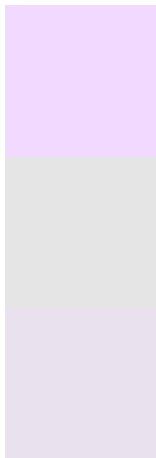
Deuteranomaly

75.8233, 0.3026, 0.2936

Tritanomaly

75.7200, 0.3111, 0.3036

Monochromacy



Original Color

75.7230, 0.3054, 0.2910

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.5159, 0.3106, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7230, 0.3054, 0.2910 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(242, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 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(242, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.7230, 0.3054, 0.2910 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(242, 217, 255) }
```

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

```
.border{ border-color:rgb(242, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7230, 0.3054, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 255) }
```

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

```
.background{ background-color: rgb(242,  
217, 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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