

Converting Colors

$Y_{xy}(75.1287, 0.3228, 0.2990)$

Have a look what the booklet for
Yxy(75.1287, 0.3228, 0.2990)
contains.

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Color

Yxy(75.3196, 0.3228, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F3
RGB	255, 213, 243
RGB Percent	100%, 84%, 95%
CMY	0.0001, 0.1647, 0.0471
CMYK	0.00, 0.16, 0.05, 0.00
HSL	317°, 100%, 92%
HSV	317°, 16%, 100%
XYZ	81.2063, 75.3196, 95.0426
YIQ	228.9780, 15.4020, 18.2340

Conversions

Conversions Part 2

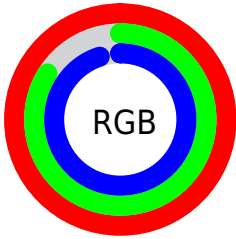
Format	Color
RYB	255, 213, 243
Decimal	16766451
CIELab	89.54, 19.52, -9.17
CIELCh	90, 21.568, 334.841
Yxy	75.3196, 0.3228, 0.2994
Android (android.graphics.Color)	4294956531 (0xFFFFD5F3)
YUV	228.9780, 6.9128, 22.8213
Hunter-Lab	86.7869, 15.1451, -4.1792

Details

The Yxy color $75.3196, 0.3228, 0.2994$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91.0960, 0.3039, 0.3605$, and the grayscale version is $78.2783, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.0473, 0.3249, 0.2925$ is the 20% darker color. If you saturate the color by 10%, you get $63.0555, 0.3303, 0.2807$, and if you desaturate by 10%, it is $89.6244, 0.3164, 0.3177$.

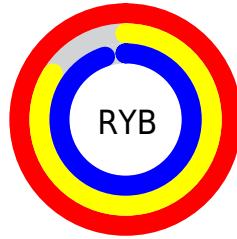
Distribution



Red (100%)

Green (84%)

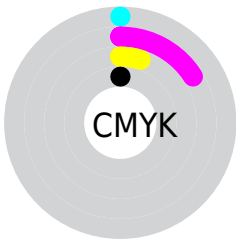
Blue (95%)



Red (100%)

Yellow (84%)

Blue (95%)

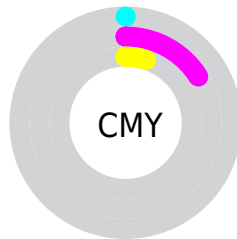


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3196, 0.3228, 0.2994 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 75.3196, 0.3228, 0.2994 by changing the saturation by 10% instead.


 75.3196, 0.3228,
0.2994

 75.3196, 0.3228,
0.2994


479.0154, 0.3183,
0.3127

 55.8748, 0.3238,
0.2965


126.7647, 0.3213,
0.3039

 40.1025, 0.3250,
0.2929


159.5337, 0.3207,
0.3057

 27.6185, 0.3264,
0.2884


197.5129, 0.3202,
0.3073

 18.0383, 0.3283,
0.2827

241.0866, 0.3197,
0.3086

 10.9775, 0.3308,
0.2751

290.6394, 0.3193,
0.3098

 6.0517, 0.3342,
0.2646


346.5555, 0.3189,


 2.8765, 0.3391,


0.3109


0.2490


409.2193, 0.3186,
0.3118

 1.0676, 0.3469,
0.2236

 0.0000, 0.4224,
0.0000

 75.3196, 0.3228,
0.2994


 75.3196, 0.3228,
0.2994

 63.0555, 0.3303,
0.2807

 89.6244, 0.3164,
0.3177

 52.7281, 0.3390,
0.2620

99.9974, 0.3127,
0.3290

 44.2389, 0.3488,
0.2442

 37.4770, 0.3597,
0.2283

■ 32.3195, 0.3713,
0.2153

■ 28.6270, 0.3834,
0.2063

■ 26.2361, 0.3955,
0.2022

■ 24.9427, 0.4073,
0.2030

■ 24.6391, 0.4114,
0.2040

Harmonies

Analogous

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



75.3196, 0.2969, 0.2883



75.3196, 0.3228, 0.2994



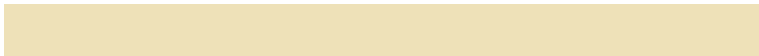
75.3196, 0.3468, 0.3176

Triad

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



75.3196, 0.3228, 0.2994



75.3196, 0.3496, 0.3723



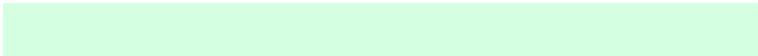
75.3196, 0.2663, 0.3155

Complementary

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



75.3196, 0.3228, 0.2994



91.0960, 0.3039, 0.3605

Split Complementary

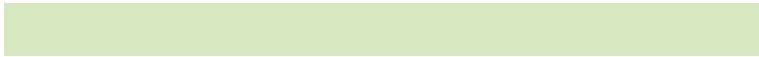
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3196, 0.2792, 0.3397



75.3196, 0.3228, 0.2994



75.3196, 0.3271, 0.3737

Square

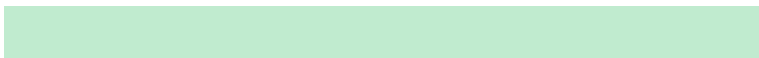
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



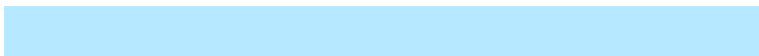
75.3196, 0.3228, 0.2994



75.3196, 0.3625, 0.3592



75.3196, 0.3013, 0.3616



75.3196, 0.2651, 0.2965

Rectangle

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



75.3196, 0.3228, 0.2994



75.3196, 0.3580, 0.3319



75.3196, 0.3013, 0.3616



75.3196, 0.2693, 0.3233

Sweetspot

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



75.3229, 0.3228, 0.2994



91.9007, 0.3155, 0.3203



70.8066, 0.2937, 0.2854



19.4361, 0.3159, 0.3190



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.



75.3229, 0.3228, 0.2994



70.7622, 0.3253, 0.2928



74.1322, 0.3376, 0.3199



18.2066, 0.3182, 0.3122



12.9031, 0.4096, 0.2030



1.2752, 0.3970, 0.1961

Inverse Universe

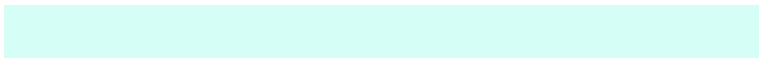
The Inverse Universe completely reimagines the original color for something new.



75.3229, 0.3228, 0.2994



70.7622, 0.3253, 0.2928



92.3064, 0.2925, 0.3383



18.2066, 0.3182, 0.3122



12.9031, 0.4096, 0.2030



1.2752, 0.3970, 0.1961

Previews

White Background



This preview shows how the Yxy color 75.3196, 0.3228, 0.2994 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 75.3196, 0.3228, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

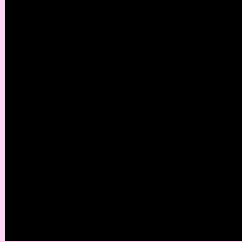
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3196, 0.3228, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 75.3196, 0.3228, 0.2994.



This preview shows how white text looks on a background with the Yxy color 75.3196, 0.3228, 0.2994.

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

75.3196, 0.3228, 0.2994

Protanopia

75.7430, 0.2950, 0.3018

Deuteranopia

75.5991, 0.3124, 0.3056



Tritanopia

75.3097, 0.3288, 0.3120

Trichromacy



Original Color

75.3196, 0.3228, 0.2994

Protanomaly

75.3942, 0.3050, 0.3013

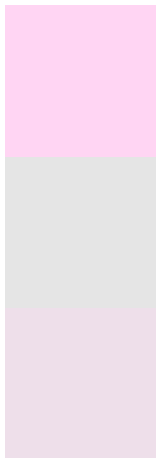
Deuteranomaly

75.4490, 0.3160, 0.3038

Tritanomaly

75.2201, 0.3269, 0.3071

Monochromacy



Original Color

75.3196, 0.3228, 0.2994

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

76.8930, 0.3161, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3196, 0.3228, 0.2994 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(255, 213, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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(255, 213, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 243) }
```

Border

The CSS property to change the border of an element to Yxy 75.3196, 0.3228, 0.2994 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(255, 213, 243) }
```

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

```
.border{ border-color:rgb(255, 213, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3196, 0.3228, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 243) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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