

Converting Colors

$Yxy(83.3645, 0.3386, 0.3032)$

Have a look what the booklet for
Yxy(83.3645, 0.3386, 0.3032)
contains.

Yxy(78.0566, 0.3204, 0.3015)	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(78.0566, 0.3204, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAF6
RGB	255, 218, 246
RGB Percent	100%, 85%, 96%
CMY	0.0000, 0.1451, 0.0353
CMYK	0.00, 0.15, 0.04, 0.00
HSL	315°, 100%, 93%
HSV	315°, 15%, 100%
XYZ	82.9497, 78.0566, 97.8879
YIQ	232.2550, 13.0640, 16.5520

Conversions

Conversions Part 2

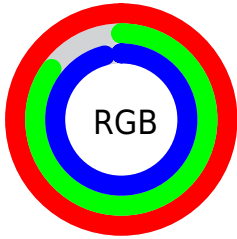
Format	Color
R _Y B	255, 218, 246
Decimal	16767734
CIE Lab	90.81, 17.45, -8.88
CIE LCh	91, 19.578, 333.027
Yxy	78.0566, 0.3204, 0.3015
Android (android.graphics.Color)	4294957814 (0xFFFFDAF6)
YUV	232.2550, 6.7763, 19.9474
Hunter-Lab	88.3496, 12.9782, -3.8462

Details

The Yxy color $78.0566, 0.3204, 0.3015$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.9713, 0.3058, 0.3582$, and the grayscale version is $80.8381, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.9179, 0.3217, 0.2952$ is the 20% darker color. If you saturate the color by 10%, you get $65.4596, 0.3268, 0.2818$, and if you desaturate by 10%, it is $92.7028, 0.3149, 0.3207$.

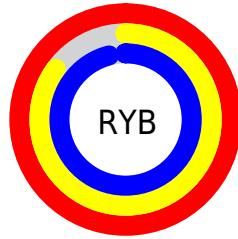
Distribution



Red (100%)

Green (85%)

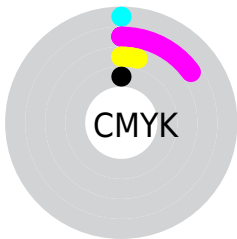
Blue (96%)



Red (100%)

Yellow (85%)

Blue (96%)

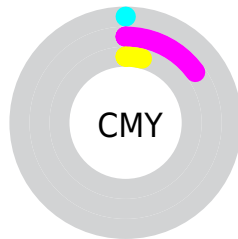


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0566, 0.3204, 0.3015 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 78.0566, 0.3204, 0.3015 by changing the saturation by 10% instead.


 78.0566, 0.3204,
0.3015

 78.0566, 0.3204,
0.3015


488.3590, 0.3170,
0.3138

 58.1205, 0.3211,
0.2988


130.6299, 0.3193,
0.3057

 41.9055, 0.3220,
0.2955


164.0359, 0.3188,
0.3073

 29.0273, 0.3231,
0.2914


202.7006, 0.3184,
0.3088

 19.1015, 0.3245,
0.2862

247.0084, 0.3181,
0.3100

 11.7436, 0.3263,
0.2792

297.3438, 0.3178,
0.3111

 6.5694, 0.3287,
0.2697

354.0911, 0.3175,

 3.1943, 0.3322,

0.3121

0.2556

417.6347, 0.3172,
0.3130

■ 1.2340, 0.3375,
0.2329

■ 0.0892, 0.3875,
0.0677

■ 78.0566, 0.3204,
0.3015

■ 78.0566, 0.3204,
0.3015

■ 65.4596, 0.3268,
0.2818

■ 92.7028, 0.3149,
0.3207

■ 54.8160, 0.3340,
0.2621

100.0000, 0.3127,
0.3290

■ 46.0268, 0.3422,
0.2432

■ 38.9830, 0.3512,
0.2261

■ 33.5643, 0.3608,
0.2117

■ 29.6352, 0.3708,
0.2012

■ 27.0379, 0.3807,
0.1953

■ 25.5789, 0.3904,
0.1942

■ 25.1112, 0.3955,
0.1953

Harmonies

Analogous

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



78.0566, 0.2973, 0.2920



78.0566, 0.3204, 0.3015



78.0566, 0.3421, 0.3177

Triad

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



78.0566, 0.3204, 0.3015



78.0566, 0.3469, 0.3674



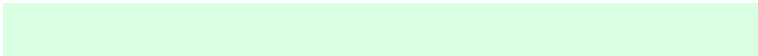
78.0566, 0.2713, 0.3183

Complementary

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



78.0566, 0.3204, 0.3015



91.9713, 0.3058, 0.3582

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.



78.0566, 0.2837, 0.3399



78.0566, 0.3204, 0.3015



78.0566, 0.3271, 0.3692

Square

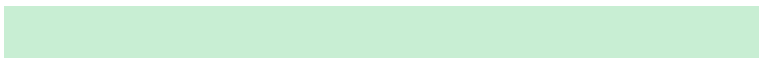
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0566, 0.3204, 0.3015



78.0566, 0.3577, 0.3553



78.0566, 0.3039, 0.3590



78.0566, 0.2696, 0.3007

Rectangle

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



78.0566, 0.3204, 0.3015



78.0566, 0.3526, 0.3306



78.0566, 0.3039, 0.3590



78.0566, 0.2743, 0.3254

Sweetspot

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



78.0576, 0.3204, 0.3015



93.5052, 0.3147, 0.3216



73.6348, 0.2950, 0.2908



19.7607, 0.3150, 0.3202



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.



78.0576, 0.3204, 0.3015



74.7320, 0.3219, 0.2966



76.9974, 0.3329, 0.3192



18.2204, 0.3175, 0.3112



13.1459, 0.3940, 0.1944



1.2971, 0.3839, 0.1888

Inverse Universe

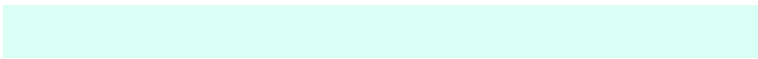
The Inverse Universe completely reimagines the original color for something new.



78.0576, 0.3204, 0.3015



74.7320, 0.3219, 0.2966



93.0263, 0.2959, 0.3391



18.2204, 0.3175, 0.3112



13.1459, 0.3940, 0.1944



1.2971, 0.3839, 0.1888

Previews

White Background



This preview shows how the Yxy color 78.0566, 0.3204, 0.3015 looks on a white background.

Color Contrast Check

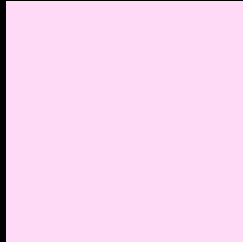
Large Text (above 18pt) WCAG AA × Fail

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 78.0566, 0.3204, 0.3015 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 78.0566, 0.3204, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 78.0566, 0.3204, 0.3015.

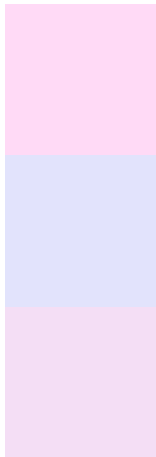


This preview shows how white text looks on a background with the Yxy color 78.0566, 0.3204, 0.3015.

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

78.0566, 0.3204, 0.3015

Protanopia

78.1352, 0.2965, 0.3032

Deuteranopia

78.0682, 0.3131, 0.3059



Tritanopia

78.3717, 0.3256, 0.3122

Trichromacy



Original Color

78.0566, 0.3204, 0.3015

Protanomaly

78.2180, 0.3050, 0.3027

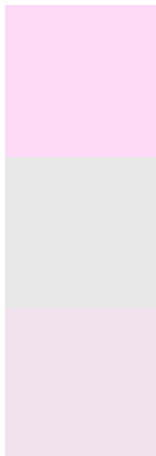
Deuteranomaly

78.2619, 0.3159, 0.3051

Tritanomaly

78.0251, 0.3237, 0.3082

Monochromacy



Original Color

78.0566, 0.3204, 0.3015

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.5779, 0.3153, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0566, 0.3204, 0.3015 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, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 246)  
}
```

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, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 246) }
```

Border

The CSS property to change the border of an element to Yxy 78.0566, 0.3204, 0.3015 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, 218, 246) }
```

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

```
.border{ border-color:rgb(255, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0566, 0.3204, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 246) }
```

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

```
.background{ background-color: rgb(255,  
218, 246) }
```

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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