

Converting Colors

$Y_{xy}(75.0897, 0.3141, 0.3063)$

Have a look what the booklet for
Yxy(75.0897, 0.3141, 0.3063)
contains.

Yxy(75.1349, 0.3145, 0.3066)	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(75.1349, 0.3145, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	F1DAF0
RGB	241, 218, 240
RGB Percent	95%, 85%, 94%
CMY	0.0549, 0.1451, 0.0589
CMYK	0.00, 0.10, 0.00, 0.05
HSL	303°, 45%, 90%
HSV	303°, 10%, 95%
XYZ	77.0709, 75.1349, 92.8526
YIQ	227.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

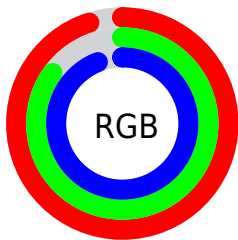
Format	Color
R _{YB}	241, 218, 240
Decimal	15850224
CIE _{Lab}	89.46, 11.70, -7.84
CIE _{LCh}	89, 14.083, 326.178
Yxy	75.1349, 0.3145, 0.3066
Android (android.graphics.Color)	4294040304 (0xFFFF1DAF0)
YUV	227.3850, 6.2192, 11.9404
Hunter-Lab	86.6804, 7.0205, -2.8356

Details

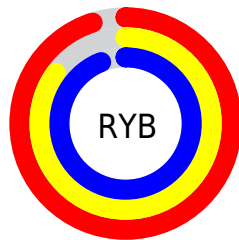
The Yxy color `75.1349, 0.3145, 0.3066` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82.9342, 0.3109, 0.3525`, and the grayscale version is `77.0619, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.9694, 0.3149, 0.3015` is the 20% darker color. If you saturate the color by 10%, you get `63.4696, 0.3165, 0.2825`, and if you desaturate by 10%, it is `88.6244, 0.3126, 0.3301`.

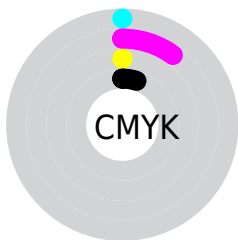
Distribution



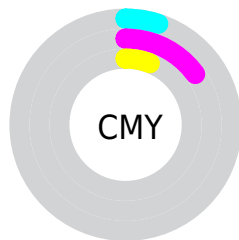
- Red (95%)
- Green (85%)
- Blue (94%)



- Red (95%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1349, 0.3145, 0.3066 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 75.1349, 0.3145, 0.3066 by changing the saturation by 10% instead.

 75.1349, 0.3145,
0.3066

 75.1349, 0.3145,
0.3066


478.3811, 0.3138,
0.3167

 55.7234, 0.3146,
0.3043

126.5033, 0.3143,
0.3101

 39.9812, 0.3148,
0.3016

159.2290, 0.3142,
0.3114

 27.5239, 0.3150,
0.2981

197.1616, 0.3141,
0.3126

 17.9671, 0.3153,
0.2936

240.6854, 0.3140,
0.3136

 10.9263, 0.3156,
0.2877

290.1849, 0.3139,
0.3146

 6.0173, 0.3159,
0.2793

346.0444, 0.3139,

 2.8556, 0.3163,

0.3154

0.2667

408.6483, 0.3138,
0.3161

■ 1.0568, 0.3164,
0.2457

■ 0.0000, 0.3213,
0.0000

■ 75.1349, 0.3145,
0.3066

■ 75.1349, 0.3145,
0.3066

■ 63.4696, 0.3165,
0.2825

■ 88.6244, 0.3126,
0.3301

■ 53.5406, 0.3187,
0.2585

■ 96.6394, 0.3114,
0.3417

■ 45.2675, 0.3209,
0.2353

■ 96.7047, 0.3108,
0.3406

■ 38.5596, 0.3232,
0.2139

■ 96.7703, 0.3102,
0.3395

33.3175, 0.3255,
0.1953

96.8363, 0.3096,
0.3384

29.4305, 0.3276,
0.1803

96.9027, 0.3090,
0.3374

26.7722, 0.3295,
0.1696

96.9695, 0.3083,
0.3363

25.1924, 0.3312,
0.1633

97.0366, 0.3077,
0.3352

24.4512, 0.3326,
0.1607

97.1042, 0.3071,
0.3342

Harmonies

Analogous

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



75.1349, 0.2980, 0.3010



75.1349, 0.3145, 0.3066



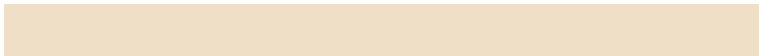
75.1349, 0.3309, 0.3177

Triad

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



75.1349, 0.3145, 0.3066



75.1349, 0.3401, 0.3556



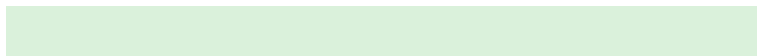
75.1349, 0.2838, 0.3249

Complementary

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



75.1349, 0.3145, 0.3066



82.9342, 0.3109, 0.3525

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.



75.1349, 0.2945, 0.3405



75.1349, 0.3145, 0.3066



75.1349, 0.3270, 0.3585

Square

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



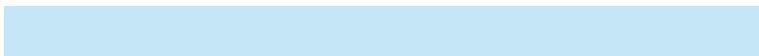
75.1349, 0.3145, 0.3066



75.1349, 0.3459, 0.3457



75.1349, 0.3103, 0.3530



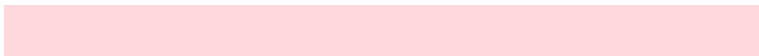
75.1349, 0.2806, 0.3110

Rectangle

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



75.1349, 0.3145, 0.3066



75.1349, 0.3394, 0.3270



75.1349, 0.3103, 0.3530



75.1349, 0.2866, 0.3301

Sweetspot

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



75.1381, 0.3145, 0.3066



95.1937, 0.3133, 0.3220



71.5243, 0.2983, 0.3044



20.1074, 0.3134, 0.3201



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.



75.1381, 0.3145, 0.3066



83.3100, 0.3148, 0.3030



74.4913, 0.3221, 0.3180



16.0184, 0.3145, 0.3068



13.2504, 0.3325, 0.1605



1.1061, 0.3308, 0.1596

Inverse Universe

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



75.1381, 0.3145, 0.3066



83.3100, 0.3148, 0.3030



83.5459, 0.3043, 0.3403



16.0184, 0.3145, 0.3068



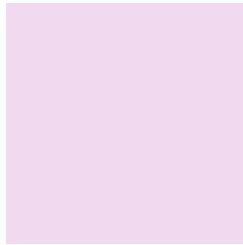
13.2504, 0.3325, 0.1605



1.1061, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 75.1349, 0.3145, 0.3066 looks on a white background.

Color Contrast Check

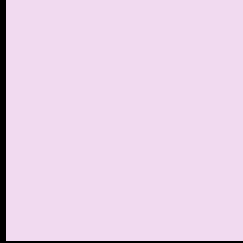
Large Text (above 18pt) WCAG AA × Fail

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 75.1349, 0.3145, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

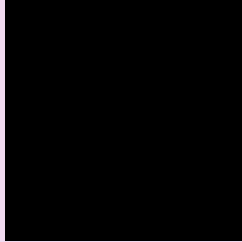
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

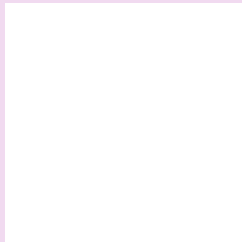
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1349, 0.3145, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 75.1349, 0.3145, 0.3066.



This preview shows how white text looks on a background with the Yxy color 75.1349, 0.3145, 0.3066.

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

75.1349, 0.3145, 0.3066

Protanopia

75.0937, 0.3006, 0.3080

Deuteranopia

74.9593, 0.3138, 0.3065



Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.1349, 0.3145, 0.3066

Protanomaly

74.9467, 0.3054, 0.3072

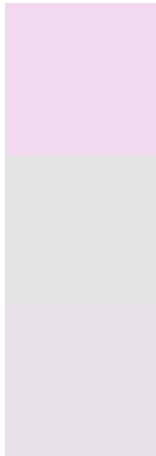
Deuteranomaly

74.9593, 0.3138, 0.3065

Tritanomaly

75.3027, 0.3157, 0.3106

Monochromacy



Original Color

75.1349, 0.3145, 0.3066

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2933, 0.3131, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1349, 0.3145, 0.3066 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(241, 218, 240)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 240)  
}
```

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(241, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.1349, 0.3145, 0.3066 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(241, 218, 240) }
```

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

```
.border{ border-color:rgb(241, 218, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 218, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 218, 240); box-shadow:4px 4px 4px 4px rgb(241, 218, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1349, 0.3145, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 240) }
```

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

```
.background{ background-color: rgb(241,  
218, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor