

Converting Colors

$Yxy(72.3524, 0.3048, 0.3005)$

Have a look what the booklet for
Yxy(72.3524, 0.3048, 0.3005)
contains.

Yxy(72.4058, 0.3048, 0.3008)	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(72.4058, 0.3048, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	E6D8F3
RGB	230, 216, 243
RGB Percent	90%, 85%, 95%
CMY	0.0981, 0.1529, 0.0469
CMYK	0.05, 0.11, 0.00, 0.05
HSL	271°, 53%, 90%
HSV	271°, 11%, 95%
XYZ	73.3686, 72.4058, 94.9363
YIQ	223.2640, -0.3230, 11.3650

Conversions

Conversions Part 2

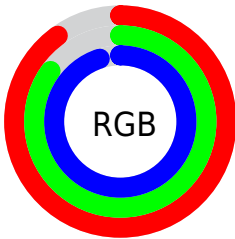
Format	Color
R _Y B	230, 216, 243
Decimal	15128819
CIE Lab	88.16, 9.68, -11.48
CIE LCh	88, 15.015, 310.156
Yxy	72.4058, 0.3048, 0.3008
Android (android.graphics.Color)	4293318899 (0xFFE6D8F3)
YUV	223.2640, 9.7298, 5.9075
Hunter-Lab	85.0916, 4.9980, -6.5855

Details

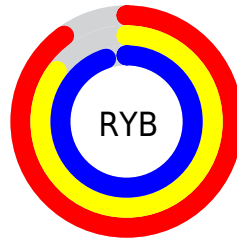
The Yxy color `72.4058, 0.3048, 0.3008` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `85.7533, 0.3199, 0.3573`, and the grayscale version is `73.9212, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.0763, 0.3024, 0.2939` is the 20% darker color. If you saturate the color by 10%, you get `58.9861, 0.2964, 0.2734`, and if you desaturate by 10%, it is `87.8042, 0.3120, 0.3263`.

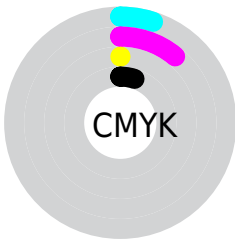
Distribution



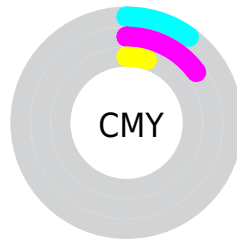
- Red (90%)
- Green (85%)
- Blue (95%)



- Red (90%)
- Yellow (85%)
- Blue (95%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)




- Cyan (10%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4058, 0.3048, 0.3008 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 72.4058, 0.3048, 0.3008 by changing the saturation by 10% instead.


 72.4058, 0.3048,
0.3008

 72.4058, 0.3048,
0.3008


468.9528, 0.3086,
0.3136

 53.4902, 0.3039,
0.2979


122.6333, 0.3061,
0.3052

 38.1943, 0.3028,
0.2944


154.7140, 0.3066,
0.3069

 26.1335, 0.3014,
0.2900


191.9519, 0.3071,
0.3084

 16.9235, 0.2996,
0.2843

234.7314, 0.3074,
0.3097

 10.1800, 0.2970,
0.2766

283.4368, 0.3078,
0.3109

 5.5185, 0.2932,
0.2658

338.4526, 0.3081,

 2.5546, 0.2871,

0.3119

0.2495

400.1631, 0.3083,
0.3128

0.9039, 0.2758,
0.2222

0.0000, 0.0691,
0.0000

72.4058, 0.3048,
0.3008

72.4058, 0.3048,
0.3008

58.9861, 0.2964,
0.2734

87.8042, 0.3120,
0.3263

47.4527, 0.2867,
0.2444

98.9624, 0.3187,
0.3405

37.7195, 0.2758,
0.2146

99.2537, 0.3197,
0.3405

29.6901, 0.2638,
0.1852

■ 23.2586, 0.2511,
0.1575

■ 18.3068, 0.2381,
0.1329

■ 14.6994, 0.2254,
0.1129

■ 12.2748, 0.2136,
0.0984

■ 10.8864, 0.2041,
0.0898

Harmonies

Analogous

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



72.4058, 0.2890, 0.2987



72.4058, 0.3048, 0.3008



72.4058, 0.3232, 0.3099

Triad

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



72.4058, 0.3048, 0.3008



72.4058, 0.3468, 0.3528



72.4058, 0.2868, 0.3336

Complementary

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



72.4058, 0.3048, 0.3008



85.7533, 0.3199, 0.3573

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.



72.4058, 0.3017, 0.3494



72.4058, 0.3048, 0.3008



72.4058, 0.3365, 0.3603

Square

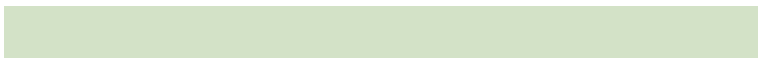
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4058, 0.3048, 0.3008



72.4058, 0.3479, 0.3393



72.4058, 0.3199, 0.3593



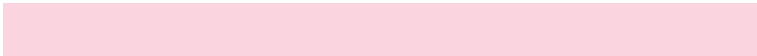
72.4058, 0.2788, 0.3171

Rectangle

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



72.4058, 0.3048, 0.3008



72.4058, 0.3344, 0.3188



72.4058, 0.3199, 0.3593



72.4058, 0.2912, 0.3392

Sweetspot

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



72.4089, 0.3048, 0.3008



94.5220, 0.3107, 0.3216



77.1526, 0.2954, 0.3141



19.9257, 0.3102, 0.3196



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.



72.4089, 0.3048, 0.3008



77.7327, 0.3033, 0.2957



74.6230, 0.3143, 0.3020



16.3482, 0.3061, 0.3051



6.0532, 0.2057, 0.0907



0.5932, 0.2190, 0.0980

Inverse Universe

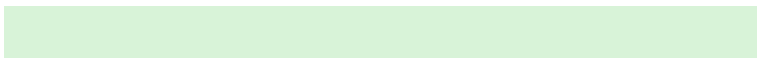
The Inverse Universe completely reimagines the original color for something new.



73.8370, 0.3235, 0.3156



79.5875, 0.3256, 0.3132



83.7084, 0.3111, 0.3575



16.6158, 0.3218, 0.3176



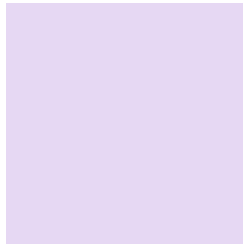
11.1940, 0.5033, 0.2546



1.0045, 0.4744, 0.2387

Previews

White Background



This preview shows how the Yxy color 72.4058, 0.3048, 0.3008 looks on a white background.

Color Contrast Check

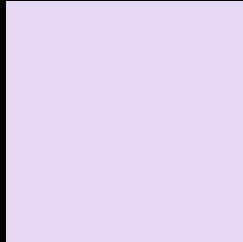
Large Text (above 18pt) WCAG AA × Fail

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 72.4058, 0.3048, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

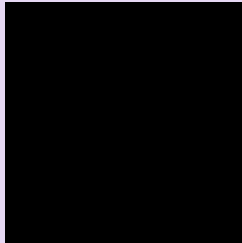
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

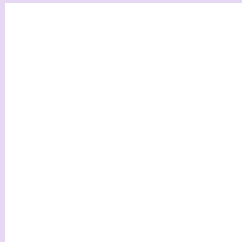
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4058, 0.3048, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 72.4058, 0.3048, 0.3008.

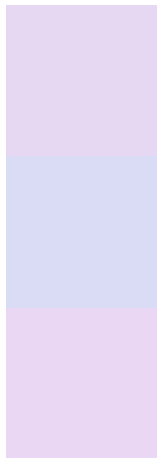


This preview shows how white text looks on a background with the Yxy color 72.4058, 0.3048, 0.3008.

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

72.4058, 0.3048, 0.3008

Protanopia

72.6844, 0.2954, 0.3024

Deuteranopia

72.3956, 0.3070, 0.3000



Tritanopia

72.2819, 0.3093, 0.3100

Trichromacy



Original Color

72.4058, 0.3048, 0.3008

Protanomaly

72.7243, 0.2987, 0.3026

Deuteranomaly

72.2277, 0.3063, 0.2999

Tritanomaly

72.4568, 0.3074, 0.3069

Monochromacy



Original Color

72.4058, 0.3048, 0.3008

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0683, 0.3104, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4058, 0.3048, 0.3008 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(230, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 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(230, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 243) }
```

Border

The CSS property to change the border of an element to Yxy 72.4058, 0.3048, 0.3008 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(230, 216, 243) }
```

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

```
.border{ border-color:rgb(230, 216, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 216, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(230, 216,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4058, 0.3048, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 243) }
```

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

```
.background{ background-color: rgb(230,  
216, 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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