

Converting Colors

Yxy(66.2229, 0.2963, 0.2913)

Have a look what the booklet for
Yxy(66.2229, 0.2963, 0.2913)
contains.

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Color

Yxy(66.3345, 0.2957, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	D9D0F3
RGB	217, 208, 243
RGB Percent	85%, 82%, 95%
CMY	0.1492, 0.1842, 0.0471
CMYK	0.11, 0.14, 0.00, 0.05
HSL	255°, 59%, 88%
HSV	255°, 14%, 95%
XYZ	67.3365, 66.3345, 94.0479
YIQ	214.6810, -5.8710, 12.7930

Conversions

Conversions Part 2

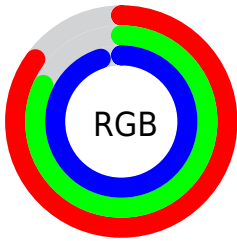
Format	Color
R _Y B	217, 208, 243
Decimal	14274803
CIE Lab	85.17, 9.67, -16.04
CIE LCh	85, 18.732, 301.074
Yxy	66.3345, 0.2957, 0.2913
Android (android.graphics.Color)	4292464883 (0xFFD9D0F3)
YUV	214.6810, 13.9613, 2.0338
Hunter-Lab	81.4460, 5.0465, -11.4516

Details

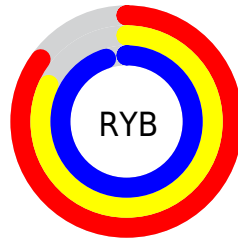
The Yxy color $66.3345, 0.2957, 0.2913$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.1616, 0.3282, 0.3654$, and the grayscale version is $67.6323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3804, 0.2914, 0.2828$ is the 20% darker color. If you saturate the color by 10%, you get $52.7580, 0.2817, 0.2618$, and if you desaturate by 10%, it is $82.0361, 0.3079, 0.3181$.

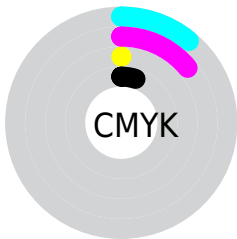
Distribution



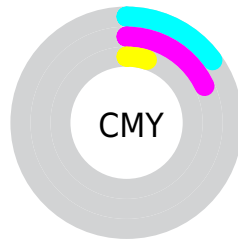
- Red (85%)
- Green (82%)
- Blue (95%)



- Red (85%)
- Yellow (82%)
- Blue (95%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3345, 0.2957, 0.2913 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 66.3345, 0.2957, 0.2913 by changing the saturation by 10% instead.

66.3345, 0.2957,
0.2913

66.3345, 0.2957,
0.2913

447.5722, 0.3038,
0.3086

48.5440, 0.2938,
0.2874

113.9663, 0.2986,
0.2973

34.2579, 0.2914,
0.2825

144.5764, 0.2996,
0.2996

23.0918, 0.2884,
0.2764

180.2284, 0.3006,
0.3016

14.6613, 0.2843,
0.2685

221.3069, 0.3014,
0.3034

8.5820, 0.2787,
0.2578

268.1961, 0.3021,
0.3049

4.4696, 0.2704,
0.2426

321.2804, 0.3027,

1.9395, 0.2570,

0.3063

0.2195

380.9443, 0.3033,
0.3075

0.5720, 0.2345,
0.1720

0.0000, 0.0000,
0.0000

66.3345, 0.2957,
0.2913

66.3345, 0.2957,
0.2913

52.7580, 0.2817,
0.2618

82.0361, 0.3079,
0.3181

41.2061, 0.2660,
0.2301

98.9013, 0.3185,
0.3406

31.5825, 0.2489,
0.1971

99.2511, 0.3197,
0.3405

23.7799, 0.2309,
0.1642

■ 17.6801, 0.2128,
0.1333

■ 13.1505, 0.1957,
0.1066

■ 10.0384, 0.1808,
0.0860

■ 8.1585, 0.1689,
0.0725

■ 7.4952, 0.1637,
0.0676

Harmonies

Analogous

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



66.3345, 0.2777, 0.2914



66.3345, 0.2957, 0.2913



66.3345, 0.3189, 0.3004

Triad

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



66.3345, 0.2957, 0.2913



66.3345, 0.3584, 0.3545



66.3345, 0.2845, 0.3415

Complementary

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



66.3345, 0.2957, 0.2913



86.1616, 0.3282, 0.3654

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.



66.3345, 0.3053, 0.3604



66.3345, 0.2957, 0.2913



66.3345, 0.3483, 0.3673

Square

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



66.3345, 0.2957, 0.2913



66.3345, 0.3558, 0.3359



66.3345, 0.3287, 0.3699



66.3345, 0.2714, 0.3195

Rectangle

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



66.3345, 0.2957, 0.2913



66.3345, 0.3343, 0.3105



66.3345, 0.3287, 0.3699



66.3345, 0.2908, 0.3485

Sweetspot

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



66.3373, 0.2957, 0.2913



92.2513, 0.3083, 0.3191



78.8755, 0.2905, 0.3196



19.4432, 0.3075, 0.3172



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.



66.3373, 0.2957, 0.2913



69.7742, 0.2922, 0.2837



69.1294, 0.3080, 0.2927



16.1310, 0.3019, 0.3048



4.1677, 0.1650, 0.0683



0.4134, 0.1773, 0.0750

Inverse Universe

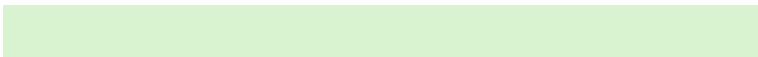
The Inverse Universe completely reimagines the original color for something new.



70.1222, 0.3206, 0.3022



74.7001, 0.3223, 0.2971



83.3724, 0.3166, 0.3667



16.6918, 0.3177, 0.3115



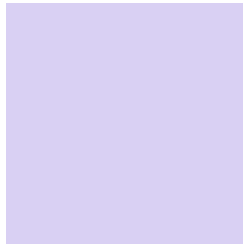
12.3119, 0.3982, 0.1967



1.0986, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 66.3345, 0.2957, 0.2913 looks on a white background.

Color Contrast Check

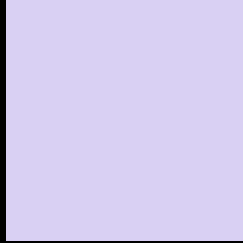
Large Text (above 18pt) WCAG AA × Fail

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 66.3345, 0.2957, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

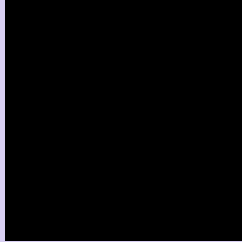
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3345, 0.2957, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 66.3345, 0.2957, 0.2913.



This preview shows how white text looks on a background with the Yxy color 66.3345, 0.2957, 0.2913.

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

66.3345, 0.2957, 0.2913

Protanopia

66.4465, 0.2877, 0.2918

Deuteranopia

66.1568, 0.2971, 0.2903



Tritanopia

66.4307, 0.3041, 0.3113

Trichromacy



Original Color

66.3345, 0.2957, 0.2913

Protanomaly

66.4737, 0.2910, 0.2920

Deuteranomaly

66.0021, 0.2964, 0.2903

Tritanomaly

66.4235, 0.3008, 0.3038

Monochromacy



Original Color

66.3345, 0.2957, 0.2913

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1221, 0.3068, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3345, 0.2957, 0.2913 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(217, 208, 243)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 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(217, 208, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 243) }
```

Border

The CSS property to change the border of an element to Yxy 66.3345, 0.2957, 0.2913 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(217, 208, 243) }
```

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

```
.border{ border-color:rgb(217, 208, 243) }
```

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

Here you see how a box with a 4 pixel rgb(217, 208, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 243);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3345, 0.2957, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 243) }
```

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

```
.background{ background-color: rgb(217,  
208, 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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