

Converting Colors

Yxy(64.0658, 0.3095, 0.3007)

Have a look what the booklet for
Yxy(64.0658, 0.3095, 0.3007)
contains.

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Color

Yxy(64.0570, 0.3095, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	DFCBE5
RGB	223, 203, 229
RGB Percent	87%, 80%, 90%
CMY	0.1255, 0.2039, 0.1019
CMYK	0.03, 0.11, 0.00, 0.10
HSL	286°, 33%, 85%
HSV	286°, 11%, 90%
XYZ	65.9316, 64.0570, 83.0376
YIQ	211.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

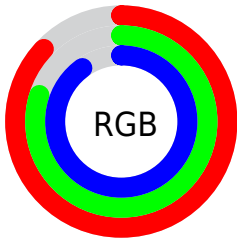
Format	Color
R _Y B	223, 203, 229
Decimal	14666725
CIE Lab	84.00, 11.60, -10.32
CIE LCh	84, 15.523, 318.330
Yxy	64.0570, 0.3095, 0.3007
Android (android.graphics.Color)	4292856805 (0xFFDFCBE5)
YUV	211.9440, 8.4086, 9.6961
Hunter-Lab	80.0356, 6.9822, -5.4890

Details

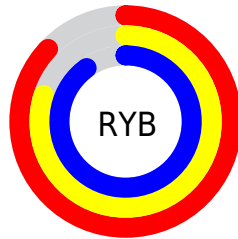
The Yxy color $64.0570, 0.3095, 0.3007$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $73.9270, 0.3155, 0.3582$, and the grayscale version is $65.7425, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.8757, 0.3084, 0.2936$ is the 20% darker color. If you saturate the color by 10%, you get $53.1991, 0.3060, 0.2745$, and if you desaturate by 10%, it is $76.5448, 0.3124, 0.3257$.

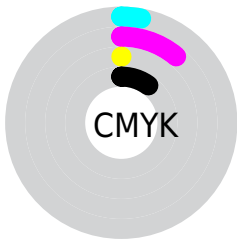
Distribution



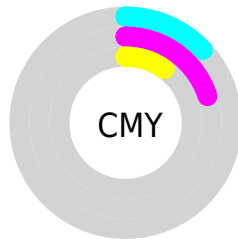
- Red (87%)
- Green (80%)
- Blue (90%)



- Red (87%)
- Yellow (80%)
- Blue (90%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0570, 0.3095, 0.3007 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 64.0570, 0.3095, 0.3007 by changing the saturation by 10% instead.

64.0570, 0.3095,
0.3007

64.0570, 0.3095,
0.3007

439.3954, 0.3111,
0.3138

46.6968, 0.3091,
0.2977

110.6930, 0.3101,
0.3053

32.7961, 0.3086,
0.2940

140.7377, 0.3103,
0.3070

21.9703, 0.3079,
0.2893

175.7793, 0.3105,
0.3086

13.8350, 0.3069,
0.2831

216.2022, 0.3107,
0.3099

8.0060, 0.3055,
0.2747

262.3909, 0.3108,
0.3111

4.0988, 0.3033,
0.2625

314.7298, 0.3109,

1.7290, 0.2993,

0.3121

0.2434

373.6031, 0.3110,
0.3130

0.4423, 0.2969,
0.1867

0.0000, 0.0000,
0.0000

64.0570, 0.3095,
0.3007

64.0570, 0.3095,
0.3007

53.1991, 0.3060,
0.2745

76.5448, 0.3124,
0.3257

43.8928, 0.3019,
0.2477

90.7199, 0.3147,
0.3491

36.0656, 0.2972,
0.2211

95.5163, 0.3177,
0.3550

29.6360, 0.2918,
0.1958

96.4537, 0.3210,
0.3547

■ 24.5145, 0.2860,
0.1729

■ 97.4186, 0.3244,
0.3545

■ 20.6010, 0.2798,
0.1534

■ 98.4110, 0.3279,
0.3542

■ 17.7809, 0.2735,
0.1381

■ 98.4387, 0.3279,
0.3542

■ 15.9167, 0.2673,
0.1276

■ 14.8806, 0.2620,
0.1217

Harmonies

Analogous

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



64.0570, 0.2912, 0.2962



64.0570, 0.3095, 0.3007



64.0570, 0.3292, 0.3121

Triad

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



64.0570, 0.3095, 0.3007



64.0570, 0.3473, 0.3575



64.0570, 0.2816, 0.3289

Complementary

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



64.0570, 0.3095, 0.3007



73.9270, 0.3155, 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.



64.0570, 0.2959, 0.3468



64.0570, 0.3095, 0.3007



64.0570, 0.3338, 0.3635

Square

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



64.0570, 0.3095, 0.3007



64.0570, 0.3514, 0.3444



64.0570, 0.3150, 0.3596



64.0570, 0.2756, 0.3118

Rectangle

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



64.0570, 0.3095, 0.3007



64.0570, 0.3403, 0.3223



64.0570, 0.3150, 0.3596



64.0570, 0.2856, 0.3351

Sweetspot

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



64.0598, 0.3095, 0.3007



94.8810, 0.3119, 0.3217



63.9943, 0.2949, 0.3064



20.0227, 0.3117, 0.3197



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.



64.0598, 0.3095, 0.3007



77.7636, 0.3086, 0.2937



64.6552, 0.3190, 0.3084



14.4380, 0.3101, 0.3056



8.5626, 0.2630, 0.1222



0.6738, 0.2718, 0.1271

Inverse Universe

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



63.9819, 0.3285, 0.3224



77.6577, 0.3329, 0.3208



73.4017, 0.3070, 0.3505



14.4225, 0.3256, 0.3236



9.6870, 0.5980, 0.3068



0.7299, 0.5570, 0.2842

Previews

White Background



This preview shows how the Yxy color 64.0570, 0.3095, 0.3007 looks on a white background.

Color Contrast Check

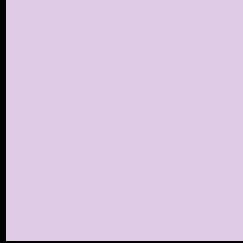
Large Text (above 18pt) WCAG AA × Fail

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 64.0570, 0.3095, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

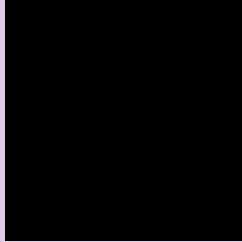
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0570, 0.3095, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 64.0570, 0.3095, 0.3007.



This preview shows how white text looks on a background with the Yxy color 64.0570, 0.3095, 0.3007.

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

64.0570, 0.3095, 0.3007

Protanopia

64.2033, 0.2958, 0.3022

Deuteranopia

64.2150, 0.3080, 0.3017



Tritanopia

63.8826, 0.3151, 0.3114

Trichromacy



Original Color

64.0570, 0.3095, 0.3007

Protanomaly

64.0583, 0.3007, 0.3013

Deuteranomaly

64.3725, 0.3087, 0.3018

Tritanomaly

64.0430, 0.3129, 0.3082

Monochromacy



Original Color

64.0570, 0.3095, 0.3007

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2618, 0.3117, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0570, 0.3095, 0.3007 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(223, 203, 229)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 229)  
}
```

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(223, 203, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 229) }
```

Border

The CSS property to change the border of an element to Yxy 64.0570, 0.3095, 0.3007 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(223, 203, 229) }
```

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

```
.border{ border-color:rgb(223, 203, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 229);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0570, 0.3095, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 229) }
```

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

```
.background{ background-color: rgb(223,  
203, 229) }
```

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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