

Converting Colors

$Yxy(57.2366, 0.3122, 0.3072)$

Have a look what the booklet for
Yxy(57.2366, 0.3122, 0.3072)
contains.

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Color

Yxy(57.2366, 0.3122, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	D3C2D5
RGB	211, 194, 213
RGB Percent	83%, 76%, 84%
CMY	0.1724, 0.2392, 0.1648
CMYK	0.01, 0.09, 0.00, 0.16
HSL	294°, 18%, 80%
HSV	294°, 9%, 84%
XYZ	58.1682, 57.2366, 70.9123
YIQ	201.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

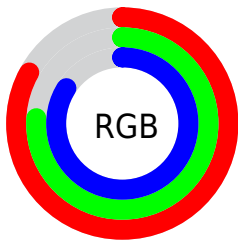
Format	Color
R _Y B	211, 194, 213
Decimal	13877973
CIE Lab	80.31, 9.37, -7.30
CIE LCh	80, 11.879, 322.054
Yxy	57.2366, 0.3122, 0.3072
Android (android.graphics.Color)	4292068053 (0xFFD3C2D5)
YUV	201.2490, 5.7932, 8.5516
Hunter-Lab	75.6549, 4.8459, -2.6149

Details

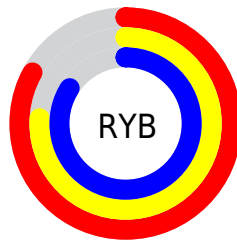
The Yxy color $57.2366, 0.3122, 0.3072$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.1970, 0.3131, 0.3516$, and the grayscale version is $58.5349, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $28.2927, 0.3119, 0.3016$ is the 20% darker color. If you saturate the color by 10%, you get $48.1086, 0.3114, 0.2819$, and if you desaturate by 10%, it is $67.7324, 0.3128, 0.3316$.

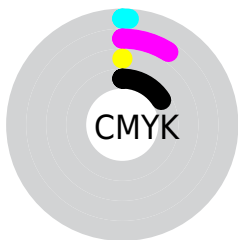
Distribution



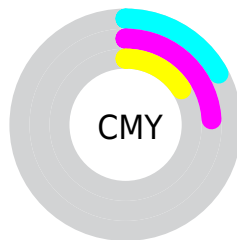
- Red (83%)
- Green (76%)
- Blue (84%)



- Red (83%)
- Yellow (76%)
- Blue (84%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)




- Cyan (17%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2366, 0.3122, 0.3072 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 57.2366, 0.3122, 0.3072 by changing the saturation by 10% instead.

 57.2366, 0.3122,
0.3072

 57.2366, 0.3122,
0.3072


414.3353, 0.3125,
0.3176

 41.1952, 0.3121,
0.3048


 100.8103, 0.3123,
0.3109

 28.4717, 0.3120,
0.3017


129.1115, 0.3124,
0.3123

 18.6815, 0.3118,
0.2978


162.2680, 0.3124,
0.3135

 11.4404, 0.3115,
0.2925

200.6643, 0.3124,
0.3145

 6.3639, 0.3110,
0.2852

244.6848, 0.3125,
0.3154

 3.0676, 0.3102,
0.2741

294.7139, 0.3125,

 1.1671, 0.3084,

0.3162

0.2558

351.1359, 0.3125,
0.3169

0.0346, 0.3097,
0.0410

0.0000, 0.0000,
0.0000

57.2366, 0.3122,
0.3072

57.2366, 0.3122,
0.3072

48.1086, 0.3114,
0.2819

67.7324, 0.3128,
0.3316

40.2834, 0.3103,
0.2563

79.6428, 0.3131,
0.3547

33.7020, 0.3089,
0.2311

91.1625, 0.3135,
0.3733

28.2977, 0.3072,
0.2075

91.5003, 0.3148,
0.3731

■ 23.9976, 0.3052,
0.1863

■ 91.8426, 0.3162,
0.3729

■ 20.7209, 0.3029,
0.1686

■ 92.1894, 0.3176,
0.3728

■ 18.3753, 0.3005,
0.1549

■ 92.5406, 0.3190,
0.3726

■ 16.8524, 0.2979,
0.1457

■ 92.8964, 0.3204,
0.3724

■ 15.9792, 0.2953,
0.1404

■ 93.2566, 0.3217,
0.3722

Harmonies

Analogous

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



57.2366, 0.2973, 0.3029



57.2366, 0.3122, 0.3072



57.2366, 0.3276, 0.3170

Triad

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



57.2366, 0.3122, 0.3072



57.2366, 0.3392, 0.3527



57.2366, 0.2869, 0.3272

Complementary

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



57.2366, 0.3122, 0.3072



63.1970, 0.3131, 0.3516

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.



57.2366, 0.2977, 0.3414



57.2366, 0.3122, 0.3072



57.2366, 0.3279, 0.3563

Square

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



57.2366, 0.3122, 0.3072



57.2366, 0.3434, 0.3429



57.2366, 0.3126, 0.3522



57.2366, 0.2830, 0.3140

Rectangle

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



57.2366, 0.3122, 0.3072



57.2366, 0.3360, 0.3254



57.2366, 0.3126, 0.3522



57.2366, 0.2899, 0.3321

Sweetspot

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



57.2391, 0.3122, 0.3072



95.0674, 0.3126, 0.3217



55.8482, 0.2990, 0.3090



20.0732, 0.3125, 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.



57.2391, 0.3122, 0.3072



82.8497, 0.3120, 0.3017



57.1670, 0.3192, 0.3155



12.5650, 0.3122, 0.3059



9.7400, 0.2954, 0.1401



0.6065, 0.3001, 0.1427

Inverse Universe

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



56.7084, 0.3266, 0.3268



81.8741, 0.3305, 0.3262



63.2729, 0.3068, 0.3429



12.4413, 0.3275, 0.3266



8.6832, 0.6273, 0.3229



0.5309, 0.5944, 0.3048

Previews

White Background



This preview shows how the Yxy color 57.2366, 0.3122, 0.3072 looks on a white background.

Color Contrast Check

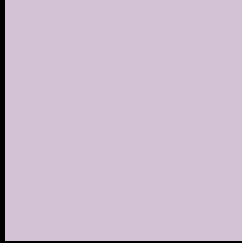
Large Text (above 18pt) WCAG AA × Fail

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 57.2366, 0.3122, 0.3072 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 57.2366, 0.3122, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 57.2366, 0.3122, 0.3072.



This preview shows how white text looks on a background with the Yxy color 57.2366, 0.3122, 0.3072.

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

57.2366, 0.3122, 0.3072

Protanopia

57.3002, 0.3006, 0.3090

Deuteranopia

57.3847, 0.3129, 0.3072



Tritanopia

57.5322, 0.3143, 0.3117

Trichromacy



Original Color

57.2366, 0.3122, 0.3072

Protanomaly

57.4841, 0.3051, 0.3092

Deuteranomaly

57.3847, 0.3129, 0.3072

Tritanomaly

57.5822, 0.3136, 0.3106

Monochromacy



Original Color

57.2366, 0.3122, 0.3072

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7751, 0.3131, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2366, 0.3122, 0.3072 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(211, 194, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 194, 213)  
}
```

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(211, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 194, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.2366, 0.3122, 0.3072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

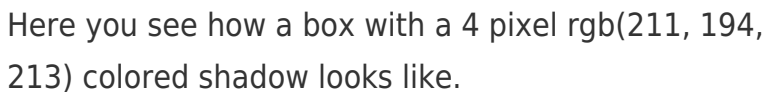
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 194, 213) }
```

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

```
.border{ border-color:rgb(211, 194, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 194, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 194, 213); box-shadow:4px 4px 4px 4px rgb(211, 194, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2366, 0.3122, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 194, 213) }
```

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

```
.background{ background-color: rgb(211,  
194, 213) }
```

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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