

Converting Colors

$Yxy(55.5414, 0.3073, 0.2972)$

Have a look what the booklet for
Yxy(55.5414, 0.3073, 0.2972)
contains.

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Color

Yxy(55.4442, 0.3071, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	D1BEDA
RGB	209, 190, 218
RGB Percent	82%, 75%, 85%
CMY	0.1802, 0.2549, 0.1452
CMYK	0.04, 0.13, 0.00, 0.15
HSL	281°, 27%, 80%
HSV	281°, 13%, 85%
XYZ	57.3683, 55.4442, 73.9941
YIQ	198.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

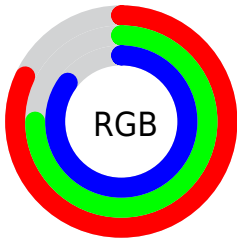
Format	Color
R _Y B	209, 190, 218
Decimal	13745882
CIE Lab	79.30, 11.79, -11.53
CIE LCh	79, 16.494, 315.639
Yxy	55.4442, 0.3071, 0.2968
Android (android.graphics.Color)	4291935962 (0xFFD1BEDA)
YUV	198.8730, 9.4296, 8.8814
Hunter-Lab	74.4609, 7.2187, -6.7957

Details

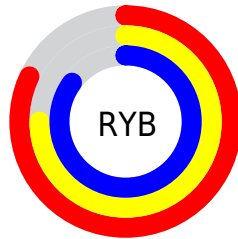
The Yxy color $55.4442, 0.3071, 0.2968$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $65.9843, 0.3176, 0.3620$, and the grayscale version is $56.9751, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $27.4057, 0.3050, 0.2894$ is the 20% darker color. If you saturate the color by 10%, you get $45.7056, 0.3018, 0.2701$, and if you desaturate by 10%, it is $66.6441, 0.3116, 0.3221$.

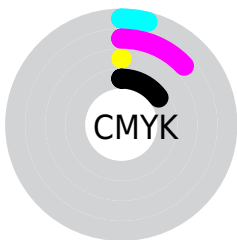
Distribution



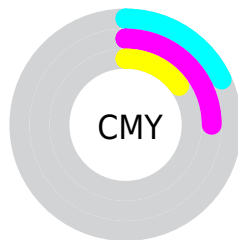
- Red (82%)
- Green (75%)
- Blue (85%)



- Red (82%)
- Yellow (75%)
- Blue (85%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4442, 0.3071, 0.2968 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 55.4442, 0.3071, 0.2968 by changing the saturation by 10% instead.

■ 55.4442, 0.3071,
0.2968

■ 55.4442, 0.3071,
0.2968

407.5935, 0.3100,
0.3121

■ 39.7575, 0.3064,
0.2932

■ 98.1915, 0.3081,
0.3022

■ 27.3495, 0.3054,
0.2887

126.0208, 0.3085,
0.3042

■ 17.8359, 0.3042,
0.2830

158.6665, 0.3089,
0.3060

■ 10.8322, 0.3025,
0.2753

196.5129, 0.3092,
0.3076

■ 5.9541, 0.2999,
0.2646

239.9444, 0.3094,
0.3089

■ 2.8172, 0.2957,
0.2487

289.3454, 0.3096,

■ 1.0371, 0.2878,

0.3101

0.2225

345.1003, 0.3098,
0.3111

0.0000, 0.2286,
0.0000

0.0000, 0.0000,
0.0000

55.4442, 0.3071,
0.2968

55.4442, 0.3071,
0.2968

45.7056, 0.3018,
0.2701

66.6441, 0.3116,
0.3221

37.3581, 0.2956,
0.2426


79.3574, 0.3153,
0.3457


30.3364, 0.2886,
0.2150


93.3934, 0.3184,
0.3670


24.5669, 0.2808,
0.1886


94.5686, 0.3228,
0.3665


 19.9690, 0.2724,
0.1644


 95.7905, 0.3273,
0.3660

 16.4519, 0.2637,
0.1436

 97.0595, 0.3318,
0.3654

 13.9116, 0.2550,
0.1273

 97.8410, 0.3346,
0.3651

 12.2225, 0.2466,
0.1158

 11.3867, 0.2408,
0.1100

Harmonies

Analogous

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



55.4442, 0.2872, 0.2926



55.4442, 0.3071, 0.2968



55.4442, 0.3291, 0.3088

Triad

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



55.4442, 0.3071, 0.2968



55.4442, 0.3522, 0.3597



55.4442, 0.2792, 0.3307

Complementary

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



55.4442, 0.3071, 0.2968



65.9843, 0.3176, 0.3620

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.



55.4442, 0.2957, 0.3505



55.4442, 0.3071, 0.2968



55.4442, 0.3379, 0.3673

Square

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



55.4442, 0.3071, 0.2968



55.4442, 0.3557, 0.3444



55.4442, 0.3171, 0.3641



55.4442, 0.2716, 0.3112

Rectangle

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



55.4442, 0.3071, 0.2968



55.4442, 0.3420, 0.3199



55.4442, 0.3171, 0.3641



55.4442, 0.2839, 0.3376

Sweetspot

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



55.4466, 0.3071, 0.2968



93.0509, 0.3111, 0.3192



57.0035, 0.2926, 0.3067



19.6454, 0.3108, 0.3173



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.



55.4466, 0.3071, 0.2968



75.7318, 0.3060, 0.2908



56.5475, 0.3177, 0.3026



13.0554, 0.3087, 0.3056



6.8832, 0.2419, 0.1106



0.4914, 0.2551, 0.1179

Inverse Universe

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



55.8480, 0.3289, 0.3188



76.4126, 0.3322, 0.3168



65.0043, 0.3081, 0.3569



13.1198, 0.3242, 0.3216



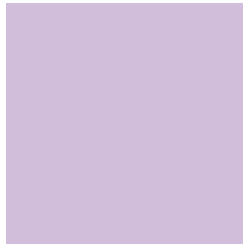
9.2097, 0.5680, 0.2903



0.6121, 0.5216, 0.2647

Previews

White Background



This preview shows how the Yxy color 55.4442, 0.3071, 0.2968 looks on a white background.

Color Contrast Check

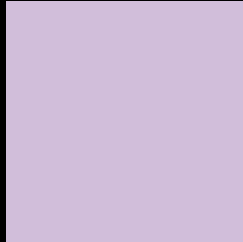
Large Text (above 18pt) WCAG AA × Fail

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 55.4442, 0.3071, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

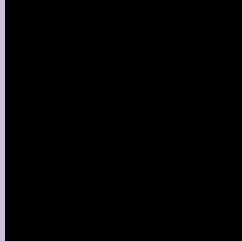
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4442, 0.3071, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 55.4442, 0.3071, 0.2968.



This preview shows how white text looks on a background with the Yxy color 55.4442, 0.3071, 0.2968.

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

55.4442, 0.3071, 0.2968

Protanopia

55.5881, 0.2927, 0.2982

Deuteranopia

55.4454, 0.3047, 0.2977



Tritanopia

55.4697, 0.3135, 0.3114

Trichromacy



Original Color

55.4442, 0.3071, 0.2968

Protanomaly

55.4493, 0.2978, 0.2974

Deuteranomaly

55.5890, 0.3055, 0.2978

Tritanomaly

55.3746, 0.3114, 0.3057

Monochromacy



Original Color

55.4442, 0.3071, 0.2968

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6326, 0.3109, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4442, 0.3071, 0.2968 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(209, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(209, 190, 218)  
}
```

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(209, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 190, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.4442, 0.3071, 0.2968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

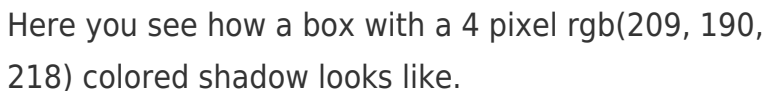
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 190, 218) }
```

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

```
.border{ border-color:rgb(209, 190, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(209, 190,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4442, 0.3071, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 190, 218) }
```

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

```
.background{ background-color: rgb(209,  
190, 218) }
```

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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