

Converting Colors

$Y_{xy}(54.7954, 0.3102, 0.2990)$

Have a look what the booklet for
Yxy(54.7954, 0.3102, 0.2990)
contains.

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Color

Yxy(55.0031, 0.3101, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	D2BDD7
RGB	210, 189, 215
RGB Percent	82%, 74%, 84%
CMY	0.1764, 0.2588, 0.1568
CMYK	0.02, 0.12, 0.00, 0.16
HSL	288°, 25%, 79%
HSV	288°, 12%, 84%
XYZ	57.0450, 55.0031, 71.9087
YIQ	198.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

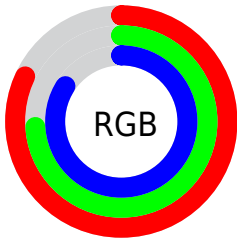
Format	Color
R _Y B	210, 189, 215
Decimal	13811159
CIE Lab	79.04, 12.09, -10.30
CIE LCh	79, 15.883, 319.565
Yxy	55.0031, 0.3101, 0.2990
Android (android.graphics.Color)	4292001239 (0xFFD2BDD7)
YUV	198.2430, 8.2612, 10.3109
Hunter-Lab	74.1641, 7.5103, -5.5721

Details

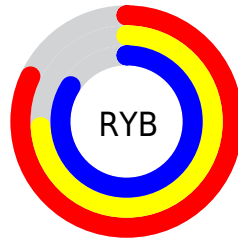
The Yxy color **55.0031, 0.3101, 0.2990** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.7519, 0.3149, 0.3602**, and the grayscale version is **56.5766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **27.1149, 0.3090, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **45.8315, 0.3074, 0.2730**, and if you desaturate by 10%, it is **65.5663, 0.3123, 0.3239**.

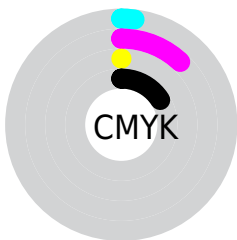
Distribution



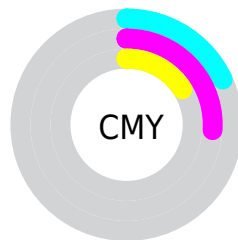
- Red (82%)
- Green (74%)
- Blue (84%)



- Red (82%)
- Yellow (74%)
- Blue (84%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0031, 0.3101, 0.2990 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 55.0031, 0.3101, 0.2990 by changing the saturation by 10% instead.


 55.0031, 0.3101,
0.2990

 55.0031, 0.3101,
0.2990

405.9237, 0.3115,
0.3133

 39.4042, 0.3097,
0.2956


 97.5455, 0.3106,
0.3040

 27.0743, 0.3092,
0.2914


125.2578, 0.3108,
0.3060

 17.6290, 0.3086,
0.2860

157.7767, 0.3110,
0.3076

 10.6840, 0.3076,
0.2788

195.4865, 0.3111,
0.3091

 5.8548, 0.3061,
0.2687

238.7718, 0.3112,
0.3103

 2.7570, 0.3036,
0.2536

288.0168, 0.3113,

 1.0062, 0.2987,

0.3114

0.2285

343.6059, 0.3114,
0.3124

0.0000, 0.2433,
0.0000

0.0000, 0.0000,
0.0000

55.0031, 0.3101,
0.2990

55.0031, 0.3101,
0.2990

45.8315, 0.3074,
0.2730

65.5663, 0.3123,
0.3239

37.9843, 0.3041,
0.2467

77.5707, 0.3141,
0.3474

31.3991, 0.3004,
0.2208

91.0718, 0.3154,
0.3692

26.0058, 0.2961,
0.1963

92.6851, 0.3179,
0.3704

■ 21.7272, 0.2914,
0.1743

■ 93.3639, 0.3206,
0.3700

■ 18.4771, 0.2864,
0.1559

■ 94.0589, 0.3232,
0.3697

■ 16.1564, 0.2813,
0.1418

■ 94.7703, 0.3259,
0.3694

■ 14.6465, 0.2762,
0.1323

■ 95.4981, 0.3286,
0.3690

■ 13.8670, 0.2722,
0.1273

■ 96.2425, 0.3313,
0.3687

Harmonies

Analogous

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



55.0031, 0.2903, 0.2938



55.0031, 0.3101, 0.2990



55.0031, 0.3312, 0.3115

Triad

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



55.0031, 0.3101, 0.2990



55.0031, 0.3495, 0.3601



55.0031, 0.2789, 0.3280

Complementary

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



55.0031, 0.3101, 0.2990



63.7519, 0.3149, 0.3602

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.



55.0031, 0.2939, 0.3474



55.0031, 0.3101, 0.2990



55.0031, 0.3347, 0.3662

Square

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



55.0031, 0.3101, 0.2990



55.0031, 0.3544, 0.3461



55.0031, 0.3142, 0.3617



55.0031, 0.2727, 0.3097

Rectangle

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



55.0031, 0.3101, 0.2990



55.0031, 0.3430, 0.3225



55.0031, 0.3142, 0.3617



55.0031, 0.2830, 0.3347

Sweetspot

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



55.0055, 0.3101, 0.2990



93.2937, 0.3119, 0.3192



54.3997, 0.2938, 0.3039



19.7070, 0.3118, 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.



55.0055, 0.3101, 0.2990



76.6083, 0.3093, 0.2912



55.3597, 0.3201, 0.3081



12.5064, 0.3107, 0.3058



8.3372, 0.2729, 0.1277



0.5345, 0.2817, 0.1325

Inverse Universe

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



54.7396, 0.3304, 0.3232



76.1445, 0.3357, 0.3217



63.4491, 0.3061, 0.3509



12.4595, 0.3261, 0.3245



8.7501, 0.6083, 0.3125



0.5395, 0.5609, 0.2863

Previews

White Background



This preview shows how the Yxy color 55.0031, 0.3101, 0.2990 looks on a white background.

Color Contrast Check

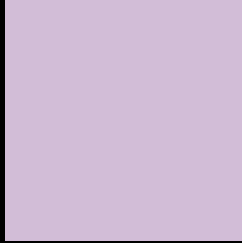
Large Text (above 18pt) WCAG AA × Fail

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 55.0031, 0.3101, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

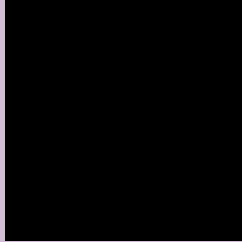
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0031, 0.3101, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 55.0031, 0.3101, 0.2990.



This preview shows how white text looks on a background with the Yxy color 55.0031, 0.3101, 0.2990.

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

55.0031, 0.3101, 0.2990

Protanopia

54.9830, 0.2947, 0.3004

Deuteranopia

54.8550, 0.3069, 0.2999



Tritanopia

55.2731, 0.3160, 0.3115

Trichromacy



Original Color

55.0031, 0.3101, 0.2990

Protanomaly

54.8511, 0.3000, 0.2995

Deuteranomaly

54.9986, 0.3077, 0.3000

Tritanomaly

54.9857, 0.3138, 0.3069

Monochromacy



Original Color

55.0031, 0.3101, 0.2990

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9464, 0.3116, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0031, 0.3101, 0.2990 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(210, 189, 215)` looks like.

```
.text, #text, p{  
    color:rgb(210, 189, 215)  
}
```

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(210, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.0031, 0.3101, 0.2990 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(210, 189, 215) }
```

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

```
.border{ border-color:rgb(210, 189, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(210, 189,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0031, 0.3101, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 189, 215) }
```

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

```
.background{ background-color: rgb(210,  
189, 215) }
```

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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