

Converting Colors

$Y_{xy}(51.5961, 0.3158, 0.2987)$

Have a look what the booklet for
Yxy(51.5961, 0.3158, 0.2987)
contains.

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Color

Yxy(51.7116, 0.3158, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	D2B6D0
RGB	210, 182, 208
RGB Percent	82%, 71%, 82%
CMY	0.1765, 0.2862, 0.1843
CMYK	0.00, 0.13, 0.01, 0.18
HSL	304°, 24%, 77%
HSV	304°, 13%, 82%
XYZ	54.6903, 51.7116, 66.7783
YIQ	193.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

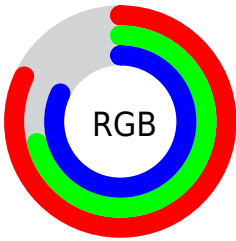
Format	Color
R _Y B	210, 182, 208
Decimal	13809360
CIE Lab	77.11, 14.55, -9.39
CIE LCh	77, 17.314, 327.146
Yxy	51.7116, 0.3158, 0.2986
Android (android.graphics.Color)	4291999440 (0xFFD2B6D0)
YUV	193.3360, 7.2294, 14.6143
Hunter-Lab	71.9108, 9.9107, -4.7207

Details

The Yxy color **51.7116, 0.3158, 0.2986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.4957, 0.3097, 0.3614**, and the grayscale version is **53.4903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **25.0022, 0.3157, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **43.6746, 0.3184, 0.2752**, and if you desaturate by 10%, it is **61.0435, 0.3134, 0.3216**.

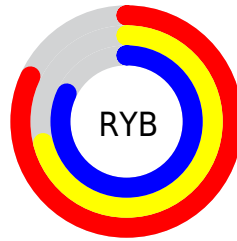
Distribution



Red (82%)

Green (71%)

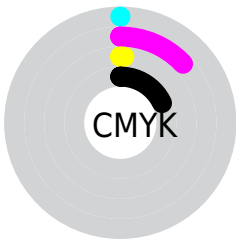
Blue (82%)



Red (82%)

Yellow (71%)

Blue (82%)

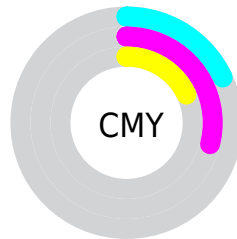


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (18%)



Cyan (18%)


Magenta (29%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7116, 0.3158, 0.2986 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 51.7116, 0.3158, 0.2986 by changing the saturation by 10% instead.


 51.7116, 0.3158,
0.2986

 51.7116, 0.3158,
0.2986


393.3222, 0.3144,
0.3132

 36.7752, 0.3161,
0.2951


 92.7058, 0.3153,
0.3038

 25.0335, 0.3164,
0.2908


119.5324, 0.3152,
0.3057

 16.1020, 0.3169,
0.2851


151.0912, 0.3150,
0.3074

 9.5964, 0.3174,
0.2776

187.7666, 0.3149,
0.3089

 5.1322, 0.3180,
0.2668

229.9430, 0.3147,
0.3102

 2.3250, 0.3186,
0.2505

278.0048, 0.3146,

 0.7869, 0.3193,

0.3113

0.2222

332.3364, 0.3145,
0.3123

0.0000, 0.1415,
0.0000

0.0000, 0.0000,
0.0000

51.7116, 0.3158,
0.2986

51.7116, 0.3158,
0.2986

43.6746, 0.3184,
0.2752

61.0435, 0.3134,
0.3216

36.8685, 0.3212,
0.2521

71.7173, 0.3113,
0.3436

31.2342, 0.3241,
0.2300

83.7857, 0.3095,
0.3643

26.7047, 0.3272,
0.2100

90.0736, 0.3082,
0.3728

■ 23.2065, 0.3302,
0.1929

■ 90.1500, 0.3074,
0.3712

■ 20.6572, 0.3331,
0.1796

■ 90.2271, 0.3066,
0.3695

■ 18.9616, 0.3358,
0.1706

■ 90.3049, 0.3058,
0.3679

■ 18.0051, 0.3382,
0.1659

■ 90.3834, 0.3049,
0.3663

■ 17.6456, 0.3397,
0.1645

■ 90.4625, 0.3041,
0.3647

Harmonies

Analogous

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



51.7116, 0.2928, 0.2906



51.7116, 0.3158, 0.2986



51.7116, 0.3387, 0.3140

Triad

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



51.7116, 0.3158, 0.2986



51.7116, 0.3504, 0.3663



51.7116, 0.2724, 0.3223

Complementary

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



51.7116, 0.3158, 0.2986



59.4957, 0.3097, 0.3614

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.



51.7116, 0.2868, 0.3443



51.7116, 0.3158, 0.2986



51.7116, 0.3317, 0.3704

Square

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



51.7116, 0.3158, 0.2986



51.7116, 0.3590, 0.3524



51.7116, 0.3083, 0.3624



51.7116, 0.2685, 0.3032

Rectangle

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



51.7116, 0.3158, 0.2986



51.7116, 0.3505, 0.3267



51.7116, 0.3083, 0.3624



51.7116, 0.2761, 0.3296

Sweetspot

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



51.7138, 0.3158, 0.2986



93.6174, 0.3136, 0.3199



48.2862, 0.2930, 0.2942



19.7892, 0.3138, 0.3182



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.



51.7138, 0.3158, 0.2986



76.4896, 0.3165, 0.2920



51.0604, 0.3269, 0.3146



11.9940, 0.3148, 0.3077



10.7707, 0.3394, 0.1643



0.6067, 0.3357, 0.1623

Inverse Universe

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



51.7138, 0.3158, 0.2986



76.4896, 0.3165, 0.2920



60.1064, 0.3004, 0.3439



11.9940, 0.3148, 0.3077



10.7707, 0.3394, 0.1643



0.6067, 0.3357, 0.1623

Previews

White Background



This preview shows how the Yxy color 51.7116, 0.3158, 0.2986 looks on a white background.

Color Contrast Check

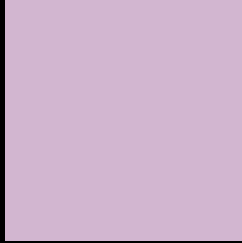
Large Text (above 18pt) WCAG AA × Fail

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 51.7116, 0.3158, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

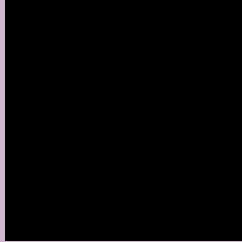
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7116, 0.3158, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 51.7116, 0.3158, 0.2986.



This preview shows how white text looks on a background with the Yxy color 51.7116, 0.3158, 0.2986.

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

51.7116, 0.3158, 0.2986

Protanopia

51.7641, 0.2935, 0.2997

Deuteranopia

51.6204, 0.3090, 0.3027



Tritanopia

51.9135, 0.3227, 0.3124

Trichromacy



Original Color

51.7116, 0.3158, 0.2986

Protanomaly

51.4231, 0.3012, 0.2989

Deuteranomaly

51.6233, 0.3115, 0.3017

Tritanomaly

51.6866, 0.3196, 0.3066

Monochromacy



Original Color

51.7116, 0.3158, 0.2986

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6145, 0.3140, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7116, 0.3158, 0.2986 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, 182, 208)` looks like.

```
.text, #text, p{  
    color:rgb(210, 182, 208)  
}
```

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, 182, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 182, 208) }
```

Border

The CSS property to change the border of an element to Yxy 51.7116, 0.3158, 0.2986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

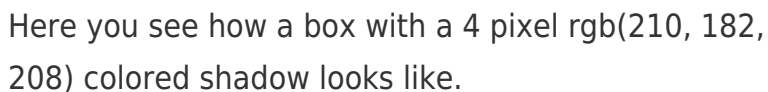
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 182, 208) }
```

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

```
.border{ border-color:rgb(210, 182, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 182, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 182, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 182, 208); box-shadow:4px 4px 4px 4px rgb(210, 182, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7116, 0.3158, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 182, 208) }
```

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

```
.background{ background-color: rgb(210,  
182, 208) }
```

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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