

Converting Colors

$Yxy(50.9763, 0.3137, 0.2966)$

Have a look what the booklet for
Yxy(50.9763, 0.3137, 0.2966)
contains.

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Color

Yxy(51.0117, 0.3142, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	D0B5D0
RGB	208, 181, 208
RGB Percent	82%, 71%, 82%
CMY	0.1844, 0.2901, 0.1844
CMYK	0.00, 0.13, 0.00, 0.18
HSL	300°, 22%, 76%
HSV	300°, 13%, 82%
XYZ	53.9115, 51.0117, 66.6601
YIQ	192.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

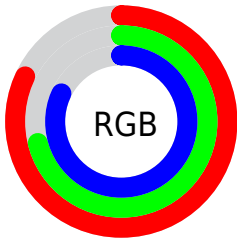
Format	Color
R_{YB}	208, 181, 208
Decimal	13678032
CIE _{Lab}	76.69, 14.38, -10.02
CIE _{LCh}	77, 17.527, 325.131
Yxy	51.0117, 0.3142, 0.2973
Android (android.graphics.Color)	4291868112 (0xFFD0B5D0)
YUV	192.1510, 7.8136, 13.8996
Hunter-Lab	71.4225, 9.7469, -5.3409

Details

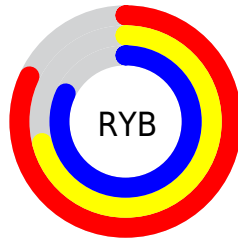
The Yxy color **51.0117, 0.3142, 0.2973** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.2615, 0.3111, 0.3629**, and the grayscale version is **52.7540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **24.5437, 0.3135, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **43.1765, 0.3154, 0.2724**, and if you desaturate by 10%, it is **60.1138, 0.3130, 0.3219**.

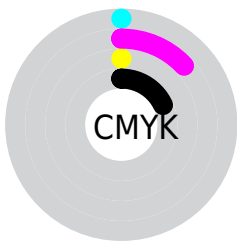
Distribution



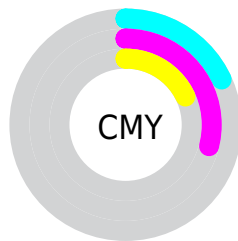
- Red (82%)
- Green (71%)
- Blue (82%)



- Red (82%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0117, 0.3142, 0.2973 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 51.0117, 0.3142, 0.2973 by changing the saturation by 10% instead.


 51.0117, 0.3142,
0.2973

 51.0117, 0.3142,
0.2973


390.6092, 0.3136,
0.3125

 36.2179, 0.3143,
0.2937


 91.6721, 0.3140,
0.3027

 24.6025, 0.3144,
0.2891


118.3074, 0.3140,
0.3048

 15.7812, 0.3145,
0.2832


149.6588, 0.3139,
0.3065

 9.3694, 0.3145,
0.2752

186.1106, 0.3138,
0.3081

 4.9829, 0.3145,
0.2640

228.0471, 0.3138,
0.3094

 2.2373, 0.3140,
0.2468

275.8528, 0.3137,

 0.7402, 0.3130,

0.3106

0.2159

329.9120, 0.3137,
0.3116

0.0000, 0.0077,
0.0000

0.0000, 0.0000,
0.0000

51.0117, 0.3142,
0.2973

51.0117, 0.3142,
0.2973

43.1765, 0.3154,
0.2724

60.1138, 0.3130,
0.3219

36.5459, 0.3165,
0.2478

70.5284, 0.3119,
0.3455

31.0621, 0.3176,
0.2245

82.3071, 0.3109,
0.3679

26.6601, 0.3186,
0.2035

89.4796, 0.3103,
0.3796

■ 23.2683, 0.3194,
0.1856

■ 89.4800, 0.3103,
0.3796

■ 20.8067, 0.3201,
0.1716

■ 89.4804, 0.3103,
0.3796

■ 19.1830, 0.3205,
0.1618

■ 89.4809, 0.3104,
0.3796

■ 18.2860, 0.3208,
0.1562

■ 89.4813, 0.3104,
0.3796

■ 17.9541, 0.3209,
0.1541

■ 89.4817, 0.3104,
0.3796

Harmonies

Analogous

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



51.0117, 0.2911, 0.2898



51.0117, 0.3142, 0.2973



51.0117, 0.3377, 0.3125

Triad

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



51.0117, 0.3142, 0.2973



51.0117, 0.3520, 0.3662



51.0117, 0.2724, 0.3236

Complementary

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



51.0117, 0.3142, 0.2973



58.2615, 0.3111, 0.3629

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.



51.0117, 0.2876, 0.3460



51.0117, 0.3142, 0.2973



51.0117, 0.3335, 0.3712

Square

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



51.0117, 0.3142, 0.2973



51.0117, 0.3599, 0.3516



51.0117, 0.3098, 0.3639



51.0117, 0.2676, 0.3039

Rectangle

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



51.0117, 0.3142, 0.2973



51.0117, 0.3501, 0.3253



51.0117, 0.3098, 0.3639



51.0117, 0.2764, 0.3311

Sweetspot

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



51.0139, 0.3142, 0.2973



93.6636, 0.3132, 0.3192



47.6180, 0.2922, 0.2957



19.8010, 0.3133, 0.3174



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.



51.0139, 0.3142, 0.2973



76.6733, 0.3146, 0.2893



50.3995, 0.3246, 0.3124



12.0090, 0.3138, 0.3061



11.1935, 0.3209, 0.1541



0.6259, 0.3209, 0.1541

Inverse Universe

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



49.7990, 0.3362, 0.3291



74.3200, 0.3432, 0.3291



58.8212, 0.3023, 0.3462



11.8083, 0.3291, 0.3290



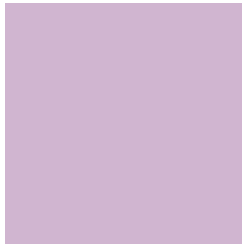
8.3579, 0.6401, 0.3300



0.4673, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 51.0117, 0.3142, 0.2973 looks on a white background.

Color Contrast Check

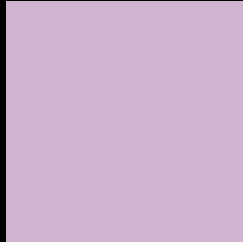
Large Text (above 18pt) WCAG AA × Fail

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 51.0117, 0.3142, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

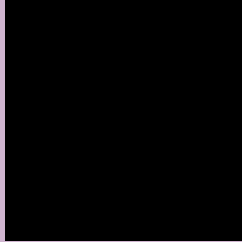
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0117, 0.3142, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 51.0117, 0.3142, 0.2973.



This preview shows how white text looks on a background with the Yxy color 51.0117, 0.3142, 0.2973.

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

51.0117, 0.3142, 0.2973

Protanopia

51.1590, 0.2934, 0.2995

Deuteranopia

50.9281, 0.3074, 0.3013



Tritanopia

51.0200, 0.3211, 0.3123

Trichromacy



Original Color

51.0117, 0.3142, 0.2973

Protanomaly

50.8704, 0.3004, 0.2975

Deuteranomaly

50.9285, 0.3099, 0.3003

Tritanomaly

50.9383, 0.3188, 0.3064

Monochromacy



Original Color

51.0117, 0.3142, 0.2973

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0494, 0.3133, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0117, 0.3142, 0.2973 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(208, 181, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 181, 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(208, 181, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 181, 208) }
```

Border

The CSS property to change the border of an element to Yxy 51.0117, 0.3142, 0.2973 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(208, 181, 208) }
```

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

```
.border{ border-color:rgb(208, 181, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 181, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 181, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 181, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 181,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0117, 0.3142, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 181, 208) }
```

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

```
.background{ background-color: rgb(208,  
181, 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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