

Converting Colors

$Y_{xy}(51.0257, 0.2977, 0.2980)$

Have a look what the booklet for
Yxy(51.0257, 0.2977, 0.2980)
contains.

Yxy(50.9476, 0.2973, 0.2974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.9476, 0.2973, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	BFBAD4
RGB	191, 186, 212
RGB Percent	75%, 73%, 83%
CMY	0.2509, 0.2706, 0.1687
CMYK	0.10, 0.12, 0.00, 0.17
HSL	252°, 23%, 78%
HSV	252°, 12%, 83%
XYZ	50.9305, 50.9476, 69.4320
YIQ	190.4590, -5.3660, 9.1460

Conversions

Conversions Part 2

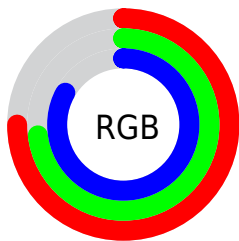
Format	Color
R_{YB}	191, 186, 212
Decimal	12565204
CIE _{Lab}	76.65, 6.77, -12.41
CIE _{LCh}	77, 14.138, 298.630
Yxy	50.9476, 0.2973, 0.2974
Android (android.graphics.Color)	4290755284 (0xFFFBAD4)
YUV	190.4590, 10.6197, 0.4745
Hunter-Lab	71.3776, 2.4554, -7.7095

Details

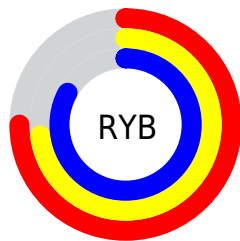
The Yxy color `50.9476, 0.2973, 0.2974` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `63.8912, 0.3270, 0.3595`, and the grayscale version is `51.7129, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.4984, 0.3082, 0.3163`, and `24.5277, 0.2929, 0.2898` is the 20% darker color. If you saturate the color by 10%, you get `40.5799, 0.2827, 0.2684`, and if you desaturate by 10%, it is `62.9038, 0.3101, 0.3235`.

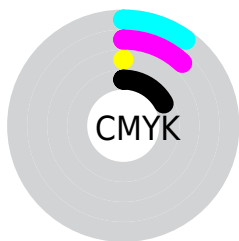
Distribution



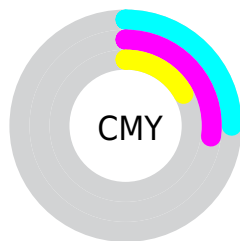
- Red (75%)
- Green (73%)
- Blue (83%)



- Red (75%)
- Yellow (73%)
- Blue (83%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9476, 0.2973, 0.2974 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 50.9476, 0.2973, 0.2974 by changing the saturation by 10% instead.

■ 50.9476, 0.2973,
0.2974

■ 50.9476, 0.2973,
0.2974

390.3602, 0.3050,
0.3127

■ 36.1669, 0.2954,
0.2937

■ 91.5773, 0.3001,
0.3029

■ 24.5631, 0.2930,
0.2891

118.1951, 0.3011,
0.3049

■ 15.7519, 0.2898,
0.2831

149.5274, 0.3020,
0.3067

■ 9.3487, 0.2854,
0.2749

185.9586, 0.3028,
0.3082

■ 4.9693, 0.2790,
0.2633

227.8731, 0.3034,
0.3096

■ 2.2293, 0.2687,
0.2455

275.6552, 0.3040,

■ 0.7359, 0.2504,

0.3107

0.2130

329.6895, 0.3045,
0.3118

0.0000, 0.0000,
0.0000

50.9476, 0.2973,
0.2974

50.9476, 0.2973,
0.2974

40.5799, 0.2827,
0.2684

62.9038, 0.3101,
0.3235

31.7273, 0.2663,
0.2369

76.5050, 0.3211,
0.3467

24.3200, 0.2484,
0.2037

91.8129, 0.3305,
0.3670

18.2803, 0.2295,
0.1701

97.5331, 0.3382,
0.3711

13.5232, 0.2106,
0.1380

■ 9.9537, 0.1928,
0.1097

■ 7.4637, 0.1774,
0.0872

■ 5.9243, 0.1654,
0.0720

■ 5.2228, 0.1587,
0.0648

Harmonies

Analogous

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



50.9476, 0.2828, 0.2983



50.9476, 0.2973, 0.2974



50.9476, 0.3163, 0.3044

Triad

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



50.9476, 0.2973, 0.2974



50.9476, 0.3505, 0.3491



50.9476, 0.2907, 0.3407

Complementary

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



50.9476, 0.2973, 0.2974



63.8912, 0.3270, 0.3595

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.



50.9476, 0.3083, 0.3556



50.9476, 0.2973, 0.2974



50.9476, 0.3431, 0.3600

Square

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



50.9476, 0.2973, 0.2974



50.9476, 0.3475, 0.3336



50.9476, 0.3275, 0.3627



50.9476, 0.2791, 0.3228

Rectangle

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



50.9476, 0.2973, 0.2974



50.9476, 0.3291, 0.3125



50.9476, 0.3275, 0.3627



50.9476, 0.2960, 0.3463

Sweetspot

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



50.9497, 0.2973, 0.2974



92.1360, 0.3079, 0.3191



59.9287, 0.2940, 0.3232



19.4141, 0.3070, 0.3172



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.



50.9497, 0.2973, 0.2974



72.5853, 0.2933, 0.2893



52.6750, 0.3075, 0.2984



12.1229, 0.3011, 0.3051



3.2574, 0.1596, 0.0653



0.2310, 0.1758, 0.0742

Inverse Universe

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



53.6180, 0.3180, 0.3046



77.5106, 0.3194, 0.2987



62.1290, 0.3173, 0.3604



12.5897, 0.3167, 0.3104



10.4725, 0.3763, 0.1847



0.6424, 0.3650, 0.1784

Previews

White Background



This preview shows how the Yxy color 50.9476, 0.2973, 0.2974 looks on a white background.

Color Contrast Check

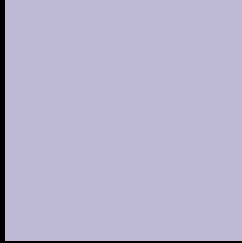
Large Text (above 18pt) WCAG AA × Fail

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 50.9476, 0.2973, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

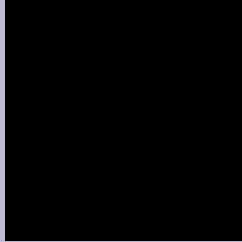
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

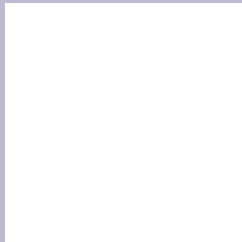
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9476, 0.2973, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 50.9476, 0.2973, 0.2974.



This preview shows how white text looks on a background with the Yxy color 50.9476, 0.2973, 0.2974.

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

50.9476, 0.2973, 0.2974

Protanopia

51.0848, 0.2920, 0.2983

Deuteranopia

50.9048, 0.3020, 0.2954



Tritanopia

51.0495, 0.3030, 0.3117

Trichromacy



Original Color

50.9476, 0.2973, 0.2974

Protanomaly

50.9095, 0.2935, 0.2972

Deuteranomaly

51.0535, 0.3004, 0.2965

Tritanomaly

50.9440, 0.3009, 0.3057

Monochromacy



Original Color

50.9476, 0.2973, 0.2974

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4196, 0.3067, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9476, 0.2973, 0.2974 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(191, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 212)  
}
```

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(191, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 212) }
```

Border

The CSS property to change the border of an element to Yxy 50.9476, 0.2973, 0.2974 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(191, 186, 212) }
```

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

```
.border{ border-color:rgb(191, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9476, 0.2973, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 212) }
```

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

```
.background{ background-color: rgb(191,  
186, 212) }
```

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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