

Converting Colors

Yxy(51.9286, 0.2851, 0.2727)

Have a look what the booklet for
Yxy(51.9286, 0.2851, 0.2727)
contains.

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Color

Yxy(52.0504, 0.2849, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	C2B9E9
RGB	194, 185, 233
RGB Percent	76%, 73%, 91%
CMY	0.2390, 0.2746, 0.0862
CMYK	0.17, 0.21, 0.00, 0.09
HSL	251°, 52%, 82%
HSV	251°, 21%, 91%
XYZ	54.3193, 52.0504, 84.2911
YIQ	193.1630, -10.0440, 16.8360

Conversions

Conversions Part 2

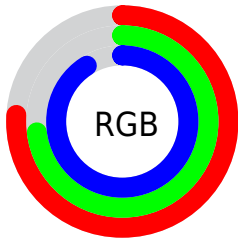
Format	Color
R_{YB}	194, 185, 233
Decimal	12761577
CIE _{Lab}	77.31, 12.73, -22.76
CIE _{LCh}	77, 26.078, 299.214
Yxy	52.0504, 0.2849, 0.2730
Android (android.graphics.Color)	4290951657 (0xFFC2B9E9)
YUV	193.1630, 19.6396, 0.7340
Hunter-Lab	72.1460, 8.1386, -18.7688

Details

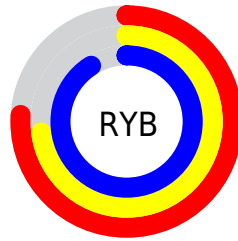
The Yxy color **52.0504, 0.2849, 0.2730** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.6309, 0.3372, 0.3815**, and the grayscale version is **53.3220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6398, 0.3108, 0.3155**, and **25.2523, 0.2775, 0.2595** is the 20% darker color. If you saturate the color by 10%, you get **40.7456, 0.2686, 0.2416**, and if you desaturate by 10%, it is **65.2752, 0.2994, 0.3017**.

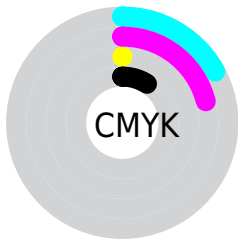
Distribution



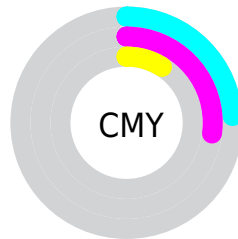
- Red (76%)
- Green (73%)
- Blue (91%)



- Red (76%)
- Yellow (73%)
- Blue (91%)



- Cyan (17%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0504, 0.2849, 0.2730 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 52.0504, 0.2849, 0.2730 by changing the saturation by 10% instead.

■ 52.0504, 0.2849,
0.2730

■ 52.0504, 0.2849,
0.2730

■ 394.6311, 0.2987,
0.2995

■ 37.0452, 0.2815,
0.2668

■ 93.2056, 0.2899,
0.2823

■ 25.2425, 0.2773,
0.2591

■ 120.1244, 0.2917,
0.2859

■ 16.2578, 0.2717,
0.2493

■ 151.7832, 0.2933,
0.2890

■ 9.7068, 0.2640,
0.2363

■ 188.5664, 0.2947,
0.2917

■ 5.2050, 0.2531,
0.2185

■ 230.8584, 0.2959,
0.2940

■ 2.3680, 0.2363,
0.1927

■ 279.0436, 0.2969,

■ 0.8094, 0.2078,

0.2961

0.1525

333.5064, 0.2979,
0.2979

0.0000, 0.0209,
0.0000

0.0000, 0.0000,
0.0000

52.0504, 0.2849,
0.2730

52.0504, 0.2849,
0.2730

40.7456, 0.2686,
0.2416

65.2752, 0.2994,
0.3017

31.2647, 0.2507,
0.2084

80.4972, 0.3120,
0.3275

23.5129, 0.2318,
0.1745

97.7973, 0.3229,
0.3503

17.3843, 0.2126,
0.1419

98.6645, 0.3256,
0.3503

■ 12.7612, 0.1945,
0.1127

■ 9.5094, 0.1787,
0.0893

■ 7.4704, 0.1662,
0.0732

■ 6.4211, 0.1580,
0.0644

Harmonies

Analogous

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



52.0504, 0.2592, 0.2735



52.0504, 0.2849, 0.2730



52.0504, 0.3194, 0.2856

Triad

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



52.0504, 0.2849, 0.2730



52.0504, 0.3822, 0.3646



52.0504, 0.2719, 0.3498

Complementary

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



52.0504, 0.2849, 0.2730



77.6309, 0.3372, 0.3815

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.



52.0504, 0.3032, 0.3788



52.0504, 0.2849, 0.2730



52.0504, 0.3674, 0.3856

Square

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



52.0504, 0.2849, 0.2730



52.0504, 0.3773, 0.3365



52.0504, 0.3382, 0.3918



52.0504, 0.2521, 0.3158

Rectangle

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



52.0504, 0.2849, 0.2730



52.0504, 0.3430, 0.2999



52.0504, 0.3382, 0.3918



52.0504, 0.2814, 0.3606

Sweetspot

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



52.0525, 0.2849, 0.2730



88.3459, 0.3054, 0.3139



69.6238, 0.2813, 0.3188



18.6499, 0.3046, 0.3122



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.



52.0525, 0.2849, 0.2730



57.3296, 0.2778, 0.2592



55.4509, 0.3031, 0.2759



14.6859, 0.3009, 0.3048



3.6822, 0.1590, 0.0650



0.3275, 0.1713, 0.0717

Inverse Universe

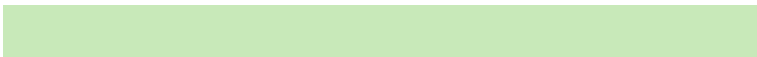
The Inverse Universe completely reimagines the original color for something new.



57.3964, 0.3221, 0.2870



65.0987, 0.3245, 0.2776



74.0992, 0.3204, 0.3843



15.2621, 0.3167, 0.3101



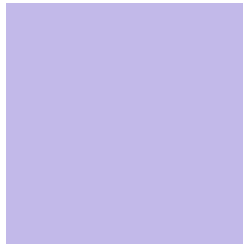
11.9309, 0.3753, 0.1841



0.9494, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 52.0504, 0.2849, 0.2730 looks on a white background.

Color Contrast Check

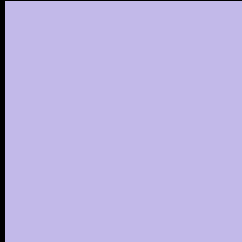
Large Text (above 18pt) WCAG AA × Fail

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 52.0504, 0.2849, 0.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

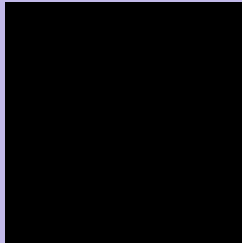
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0504, 0.2849, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 52.0504, 0.2849, 0.2730.



This preview shows how white text looks on a background with the Yxy color 52.0504, 0.2849, 0.2730.

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

52.0504, 0.2849, 0.2730

Protanopia

52.1546, 0.2731, 0.2731

Deuteranopia

52.2427, 0.2813, 0.2749



Tritanopia

52.0535, 0.3008, 0.3105

Trichromacy



Original Color

52.0504, 0.2849, 0.2730

Protanomaly

52.2789, 0.2772, 0.2735

Deuteranomaly

52.0774, 0.2827, 0.2739

Tritanomaly

51.9491, 0.2952, 0.2964

Monochromacy



Original Color

52.0504, 0.2849, 0.2730

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7184, 0.3018, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0504, 0.2849, 0.2730 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(194, 185, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 233)  
}
```

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(194, 185, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 233) }
```

Border

The CSS property to change the border of an element to Yxy 52.0504, 0.2849, 0.2730 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(194, 185, 233) }
```

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

```
.border{ border-color:rgb(194, 185, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 185, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 185, 233); box-shadow:4px 4px 4px 4px rgb(194, 185, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0504, 0.2849, 0.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 233) }
```

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

```
.background{ background-color: rgb(194,  
185, 233) }
```

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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