

Converting Colors

$Yxy(52.1363, 0.2743, 0.2588)$

Have a look what the booklet for
Yxy(52.1363, 0.2743, 0.2588)
contains.

Yxy(52.0112, 0.2741, 0.2580)	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(52.0112, 0.2741, 0.2580)

Conversions

Conversions Part 1

Format	Color
Hex	BFB8F6
RGB	191, 184, 246
RGB Percent	75%, 72%, 96%
CMY	0.2511, 0.2784, 0.0352
CMYK	0.22, 0.25, 0.00, 0.04
HSL	247°, 78%, 84%
HSV	247°, 25%, 96%
XYZ	55.2569, 52.0112, 94.3257
YIQ	193.1610, -15.7300, 20.7660

Conversions

Conversions Part 2

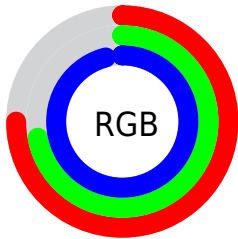
Format	Color
R _Y B	191, 184, 246
Decimal	12564726
CIE Lab	77.29, 15.20, -29.82
CIE LCh	77, 33.469, 297.016
Yxy	52.0112, 0.2741, 0.2580
Android (android.graphics.Color)	4290754806 (0xFFBFB8F6)
YUV	193.1610, 26.0496, -1.8952
Hunter-Lab	72.1188, 10.5574, -27.0635

Details

The Yxy color **52.0112, 0.2741, 0.2580** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7409, 0.3460, 0.3931**, and the grayscale version is **53.2783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4966, 0.3089, 0.3144**, and **25.2251, 0.2645, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **40.0421, 0.2555, 0.2249**, and if you desaturate by 10%, it is **66.1839, 0.2909, 0.2885**.

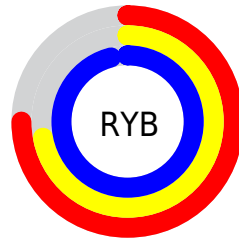
Distribution



Red (75%)

Green (72%)

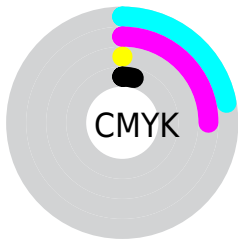
Blue (96%)



Red (75%)

Yellow (72%)

Blue (96%)

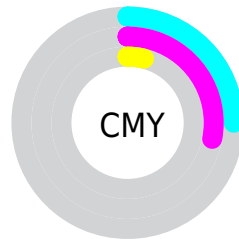


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (28%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0112, 0.2741, 0.2580 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 52.0112, 0.2741, 0.2580 by changing the saturation by 10% instead.

■ 52.0112, 0.2741,
0.2580

■ 52.0112, 0.2741,
0.2580

■ 394.4798, 0.2931,
0.2913

■ 37.0140, 0.2695,
0.2504

■ 93.1478, 0.2809,
0.2696

■ 25.2183, 0.2637,
0.2410

■ 120.0559, 0.2835,
0.2741

■ 16.2398, 0.2562,
0.2290

■ 151.7032, 0.2857,
0.2779

■ 9.6940, 0.2460,
0.2136

■ 188.4739, 0.2876,
0.2813

■ 5.1965, 0.2318,
0.1928

■ 230.7526, 0.2892,
0.2842

■ 2.3630, 0.2106,
0.1638

■ 278.9235, 0.2907,

■ 0.8068, 0.1767,

0.2869

0.1215

333.3711, 0.2920,
0.2892

0.0000, 0.0412,
0.0000

0.0000, 0.0000,
0.0000

52.0112, 0.2741,
0.2580

52.0112, 0.2741,
0.2580

40.0421, 0.2555,
0.2249

66.1839, 0.2909,
0.2885

30.1596, 0.2356,
0.1902

82.6568, 0.3058,
0.3160

22.2456, 0.2153,
0.1557

99.4347, 0.3179,
0.3376

16.1676, 0.1958,
0.1237

■ 11.7765, 0.1786,
0.0966

■ 8.8997, 0.1651,
0.0768

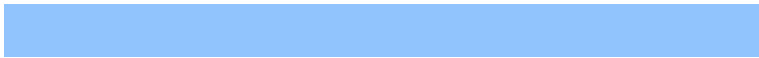
■ 7.3268, 0.1561,
0.0651

■ 6.8962, 0.1532,
0.0618

Harmonies

Analogous

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



52.0112, 0.2433, 0.2593



52.0112, 0.2741, 0.2580



52.0112, 0.3174, 0.2728

Triad

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



52.0112, 0.2741, 0.2580



52.0112, 0.4024, 0.3706



52.0112, 0.2629, 0.3589

Complementary

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



52.0112, 0.2741, 0.2580



87.7409, 0.3460, 0.3931

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.



52.0112, 0.3031, 0.3962



52.0112, 0.2741, 0.2580



52.0112, 0.3845, 0.3993

Square

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



52.0112, 0.2741, 0.2580



52.0112, 0.3945, 0.3349



52.0112, 0.3477, 0.4106



52.0112, 0.2371, 0.3143

Rectangle

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



52.0112, 0.2741, 0.2580



52.0112, 0.3481, 0.2899



52.0112, 0.3477, 0.4106



52.0112, 0.2751, 0.3731

Sweetspot

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



52.0133, 0.2741, 0.2580



84.3935, 0.3018, 0.3086



79.0569, 0.2750, 0.3221



17.4754, 0.2996, 0.3045



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.



52.0133, 0.2741, 0.2580



49.8361, 0.2653, 0.2422



56.3460, 0.2965, 0.2624



16.0158, 0.2997, 0.3046



3.7099, 0.1540, 0.0622



0.3546, 0.1619, 0.0665

Inverse Universe

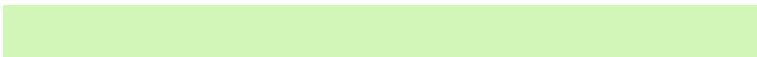
The Inverse Universe completely reimagines the original color for something new.



60.1162, 0.3209, 0.2727



59.9792, 0.3228, 0.2618



82.9090, 0.3254, 0.3976



16.7344, 0.3155, 0.3083



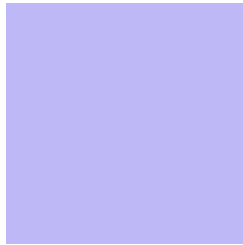
13.1836, 0.3514, 0.1710



1.1677, 0.3471, 0.1686

Previews

White Background



This preview shows how the Yxy color 52.0112, 0.2741, 0.2580 looks on a white background.

Color Contrast Check

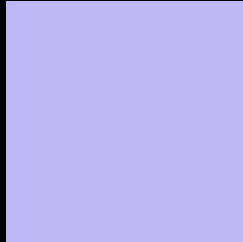
Large Text (above 18pt) WCAG AA × Fail

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 52.0112, 0.2741, 0.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

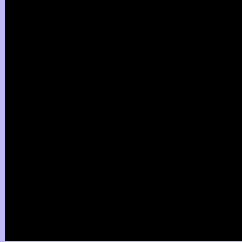
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0112, 0.2741, 0.2580

Background



This preview shows how black text looks on a background with the Yxy color 52.0112, 0.2741, 0.2580.

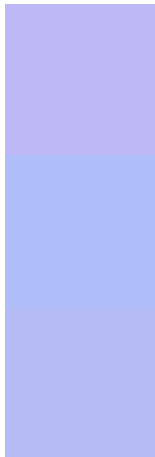


This preview shows how white text looks on a background with the Yxy color 52.0112, 0.2741, 0.2580.

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

52.0112, 0.2741, 0.2580

Protanopia

52.3487, 0.2619, 0.2588

Deuteranopia

51.8365, 0.2674, 0.2611



Tritanopia

51.9082, 0.2962, 0.3104

Trichromacy



Original Color

52.0112, 0.2741, 0.2580

Protanomaly

52.1417, 0.2663, 0.2582

Deuteranomaly

51.9007, 0.2700, 0.2604

Tritanomaly

51.7517, 0.2879, 0.2892

Monochromacy



Original Color

52.0112, 0.2741, 0.2580

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7868, 0.2981, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0112, 0.2741, 0.2580 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, 184, 246)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 246)  
}
```

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, 184, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 246) }
```

Border

The CSS property to change the border of an element to Yxy 52.0112, 0.2741, 0.2580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

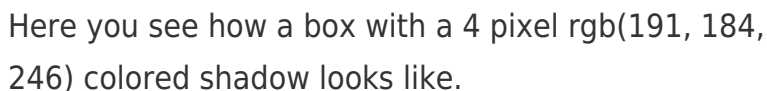
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 184, 246) }
```

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

```
.border{ border-color:rgb(191, 184, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 184, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 246);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0112, 0.2741, 0.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 246) }
```

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

```
.background{ background-color: rgb(191,  
184, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor