

Converting Colors

$Yxy(53.3736, 0.2992, 0.2764)$

Have a look what the booklet for
Yxy(53.3736, 0.2992, 0.2764)
contains.

Yxy(53.2818, 0.2992, 0.2758)	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(53.2818, 0.2992, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	D2B7E6
RGB	210, 183, 230
RGB Percent	82%, 72%, 90%
CMY	0.1763, 0.2824, 0.0980
CMYK	0.09, 0.20, 0.00, 0.10
HSL	275°, 48%, 81%
HSV	275°, 20%, 90%
XYZ	57.8024, 53.2818, 82.1057
YIQ	196.4310, 1.0050, 20.3410

Conversions

Conversions Part 2

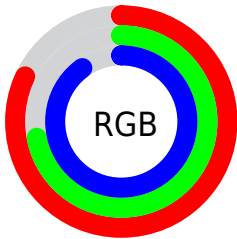
Format	Color
R _Y B	210, 183, 230
Decimal	13809638
CIE Lab	78.04, 18.27, -19.90
CIE LCh	78, 27.013, 312.549
Yxy	53.2818, 0.2992, 0.2758
Android (android.graphics.Color)	4291999718 (0xFFD2B7E6)
YUV	196.4310, 16.5495, 11.9000
Hunter-Lab	72.9944, 13.6096, -15.5947

Details

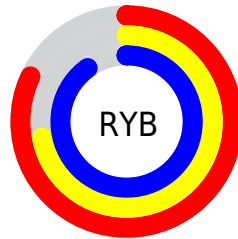
The Yxy color **53.2818, 0.2992, 0.2758** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.7082, 0.3239, 0.3832**, and the grayscale version is **55.3758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **25.9898, 0.2954, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **43.1679, 0.2909, 0.2475**, and if you desaturate by 10%, it is **65.0382, 0.3064, 0.3028**.

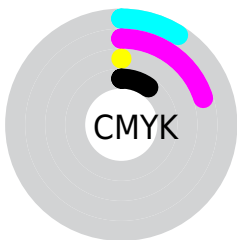
Distribution



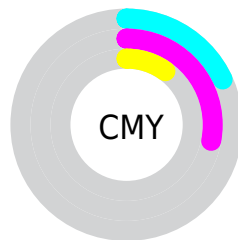
- Red (82%)
- Green (72%)
- Blue (90%)



- Red (82%)
- Yellow (72%)
- Blue (90%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)





- Cyan (18%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2818, 0.2992, 0.2758 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 53.2818, 0.2992, 0.2758 by changing the saturation by 10% instead.

 53.2818, 0.2992,
0.2758

 53.2818, 0.2992,
0.2758


399.3653, 0.3061,
0.3008

 38.0278, 0.2975,
0.2700


 95.0189, 0.3017,
0.2845

 26.0042, 0.2952,
0.2628


122.2708, 0.3027,
0.2879

 16.8268, 0.2922,
0.2537


154.2907, 0.3035,
0.2908

 10.1111, 0.2881,
0.2417

191.4631, 0.3042,
0.2933

 5.4727, 0.2819,
0.2252

234.1724, 0.3047,
0.2956

 2.5272, 0.2722,
0.2014

282.8029, 0.3053,

 0.8902, 0.2545,

0.2975

0.1645

337.7391, 0.3057,
0.2992

0.0000, 0.1703,
0.0000

0.0000, 0.0000,
0.0000

53.2818, 0.2992,
0.2758

53.2818, 0.2992,
0.2758

43.1679, 0.2909,
0.2475

65.0382, 0.3064,
0.3028

34.6129, 0.2815,
0.2185

78.5018, 0.3125,
0.3279

27.5360, 0.2711,
0.1900

93.7423, 0.3176,
0.3510

21.8462, 0.2599,
0.1631

97.3953, 0.3236,
0.3535

■ 17.4421, 0.2484,
0.1394

■ 98.4936, 0.3274,
0.3532

■ 14.2078, 0.2370,
0.1200

■ 12.0056, 0.2261,
0.1058

■ 10.6431, 0.2165,
0.0966

Harmonies

Analogous

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



53.2818, 0.2680, 0.2700



53.2818, 0.2992, 0.2758



53.2818, 0.3359, 0.2938

Triad

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



53.2818, 0.2992, 0.2758



53.2818, 0.3797, 0.3764



53.2818, 0.2600, 0.3347

Complementary

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



53.2818, 0.2992, 0.2758



72.7082, 0.3239, 0.3832

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.



53.2818, 0.2876, 0.3684



53.2818, 0.2992, 0.2758



53.2818, 0.3569, 0.3923

Square

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



53.2818, 0.2992, 0.2758



53.2818, 0.3840, 0.3499



53.2818, 0.3230, 0.3902



53.2818, 0.2464, 0.3015

Rectangle

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



53.2818, 0.2992, 0.2758



53.2818, 0.3584, 0.3107



53.2818, 0.3230, 0.3902



53.2818, 0.2678, 0.3465

Sweetspot

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



53.2841, 0.2992, 0.2758



89.4117, 0.3092, 0.3141



58.6647, 0.2802, 0.2975



18.9015, 0.3088, 0.3124



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.



53.2841, 0.2992, 0.2758



61.0713, 0.2954, 0.2626



56.2271, 0.3175, 0.2815



14.2943, 0.3070, 0.3054



6.0986, 0.2180, 0.0974



0.5051, 0.2325, 0.1055

Inverse Universe

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



54.9981, 0.3366, 0.3068



63.7101, 0.3436, 0.3014



70.2148, 0.3082, 0.3816



14.4691, 0.3226, 0.3191



10.0437, 0.5270, 0.2677



0.7605, 0.4897, 0.2471

Previews

White Background



This preview shows how the Yxy color 53.2818, 0.2992, 0.2758 looks on a white background.

Color Contrast Check

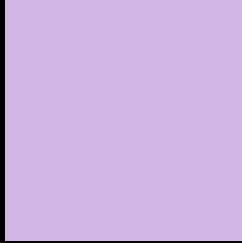
Large Text (above 18pt) WCAG AA × Fail

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 53.2818, 0.2992, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

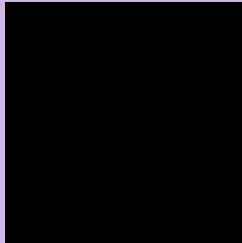
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2818, 0.2992, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 53.2818, 0.2992, 0.2758.



This preview shows how white text looks on a background with the Yxy color 53.2818, 0.2992, 0.2758.

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

53.2818, 0.2992, 0.2758

Protanopia

53.3850, 0.2754, 0.2758

Deuteranopia

53.5217, 0.2878, 0.2821



Tritanopia

53.4000, 0.3160, 0.3113

Trichromacy



Original Color

53.2818, 0.2992, 0.2758

Protanomaly

53.2444, 0.2836, 0.2754

Deuteranomaly

53.4772, 0.2922, 0.2804

Tritanomaly

53.1873, 0.3093, 0.2975

Monochromacy



Original Color

53.2818, 0.2992, 0.2758

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2332, 0.3081, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2818, 0.2992, 0.2758 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, 183, 230)` looks like.

```
.text, #text, p{  
    color:rgb(210, 183, 230)  
}
```

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, 183, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 183, 230) }
```

Border

The CSS property to change the border of an element to Yxy 53.2818, 0.2992, 0.2758 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, 183, 230) }
```

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

```
.border{ border-color:rgb(210, 183, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 183, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 183, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 183, 230);  
box-shadow:4px 4px 4px 4px rgb(210, 183,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2818, 0.2992, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 183, 230) }
```

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

```
.background{ background-color: rgb(210,  
183, 230) }
```

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