

Converting Colors

Yxy(51.7574, 0.3175, 0.2935)

Have a look what the booklet for
Yxy(51.7574, 0.3175, 0.2935)
contains.

Yxy(51.7927, 0.3178, 0.2933)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7927, 0.3178, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	D7B4D3
RGB	215, 180, 211
RGB Percent	84%, 71%, 83%
CMY	0.1566, 0.2942, 0.1725
CMYK	0.00, 0.16, 0.02, 0.16
HSL	307°, 31%, 77%
HSV	307°, 16%, 84%
XYZ	56.1191, 51.7927, 68.6743
YIQ	193.9990, 10.9090, 17.0610

Conversions

Conversions Part 2

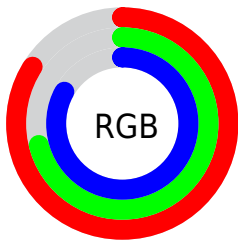
Format	Color
R _Y B	215, 180, 211
Decimal	14136531
CIE Lab	77.16, 17.93, -10.90
CIE LCh	77, 20.981, 328.692
Yxy	51.7927, 0.3178, 0.2933
Android (android.graphics.Color)	4292326611 (0xFFD7B4D3)
YUV	193.9990, 8.3815, 18.4179
Hunter-Lab	71.9671, 13.2495, -6.2002

Details

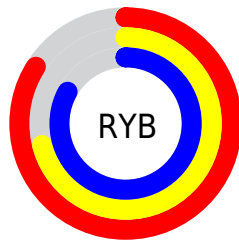
The Yxy color **51.7927, 0.3178, 0.2933** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.7984, 0.3080, 0.3675**, and the grayscale version is **53.8976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **25.0526, 0.3194, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **43.6523, 0.3214, 0.2709**, and if you desaturate by 10%, it is **61.2867, 0.3146, 0.3154**.

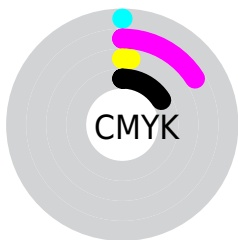
Distribution



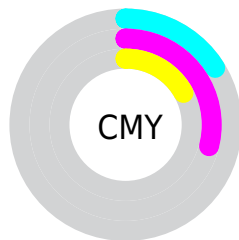
- Red (84%)
- Green (71%)
- Blue (83%)



- Red (84%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (16%)




- Cyan (16%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7927, 0.3178, 0.2933 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 51.7927, 0.3178, 0.2933 by changing the saturation by 10% instead.


 51.7927, 0.3178,
0.2933

 51.7927, 0.3178,
0.2933


393.6358, 0.3155,
0.3103

 36.8399, 0.3183,
0.2893


 92.8254, 0.3170,
0.2993

 25.0835, 0.3189,
0.2842

119.6741, 0.3167,
0.3016

 16.1393, 0.3196,
0.2777


151.2569, 0.3165,
0.3036

 9.6228, 0.3206,
0.2690

187.9582, 0.3162,
0.3053

 5.1496, 0.3217,
0.2568

230.1623, 0.3160,
0.3068

 2.3353, 0.3231,
0.2385

278.2537, 0.3158,

 0.7923, 0.3248,

0.3081

0.2074

332.6167, 0.3157,
0.3093

0.0000, 0.2481,
0.0000

0.0000, 0.0000,
0.0000

51.7927, 0.3178,
0.2933

51.7927, 0.3178,
0.2933

43.6523, 0.3214,
0.2709

61.2867, 0.3146,
0.3154

36.7969, 0.3254,
0.2488

72.1855, 0.3117,
0.3367

31.1618, 0.3297,
0.2279

84.5460, 0.3092,
0.3569

26.6744, 0.3341,
0.2093

91.1955, 0.3074,
0.3648

23.2539, 0.3387,
0.1937

91.3289, 0.3060,
0.3621

20.8095, 0.3431,
0.1822

91.4644, 0.3047,
0.3595

19.2349, 0.3474,
0.1750

91.6018, 0.3033,
0.3568

18.3964, 0.3513,
0.1721

91.7412, 0.3019,
0.3541

18.1842, 0.3527,
0.1717

91.8826, 0.3005,
0.3515

Harmonies

Analogous

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



51.7927, 0.2899, 0.2832



51.7927, 0.3178, 0.2933



51.7927, 0.3454, 0.3119

Triad

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



51.7927, 0.3178, 0.2933



51.7927, 0.3573, 0.3746



51.7927, 0.2636, 0.3192

Complementary

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



51.7927, 0.3178, 0.2933



61.7984, 0.3080, 0.3675

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.



51.7927, 0.2802, 0.3462



51.7927, 0.3178, 0.2933



51.7927, 0.3340, 0.3793

Square

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



51.7927, 0.3178, 0.2933



51.7927, 0.3687, 0.3580



51.7927, 0.3058, 0.3689



51.7927, 0.2596, 0.2967

Rectangle

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



51.7927, 0.3178, 0.2933



51.7927, 0.3595, 0.3272



51.7927, 0.3058, 0.3689



51.7927, 0.2678, 0.3281

Sweetspot

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



51.7950, 0.3178, 0.2933



92.0386, 0.3142, 0.3182



47.6708, 0.2890, 0.2856



19.4697, 0.3144, 0.3166



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.



51.7950, 0.3178, 0.2933



71.2918, 0.3192, 0.2846



50.9869, 0.3317, 0.3126



12.6068, 0.3155, 0.3086



10.8788, 0.3522, 0.1714



0.6633, 0.3461, 0.1680

Inverse Universe

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



51.7950, 0.3178, 0.2933



71.2918, 0.3192, 0.2846



62.5548, 0.2970, 0.3461



12.6068, 0.3155, 0.3086



10.8788, 0.3522, 0.1714



0.6633, 0.3461, 0.1680

Previews

White Background



This preview shows how the Yxy color 51.7927, 0.3178, 0.2933 looks on a white background.

Color Contrast Check

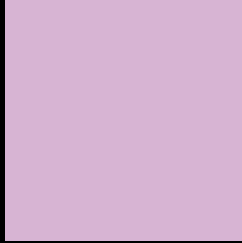
Large Text (above 18pt) WCAG AA × Fail

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 51.7927, 0.3178, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

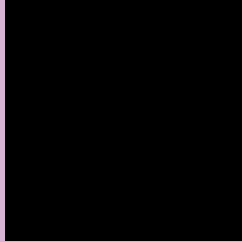
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7927, 0.3178, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 51.7927, 0.3178, 0.2933.



This preview shows how white text looks on a background with the Yxy color 51.7927, 0.3178, 0.2933.

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

51.7927, 0.3178, 0.2933

Protanopia

51.8440, 0.2900, 0.2949

Deuteranopia

51.6304, 0.3059, 0.2992



Tritanopia

51.6332, 0.3272, 0.3114

Trichromacy



Original Color

51.7927, 0.3178, 0.2933

Protanomaly

51.8944, 0.2998, 0.2944

Deuteranomaly

51.4993, 0.3101, 0.2971

Tritanomaly

51.6082, 0.3240, 0.3045

Monochromacy



Original Color

51.7927, 0.3178, 0.2933

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.1219, 0.3150, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7927, 0.3178, 0.2933 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(215, 180, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 211)  
}
```

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(215, 180, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 211) }
```

Border

The CSS property to change the border of an element to Yxy 51.7927, 0.3178, 0.2933 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(215, 180, 211) }
```

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

```
.border{ border-color:rgb(215, 180, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 180, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 180, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 180, 211);  
box-shadow:4px 4px 4px 4px rgb(215, 180,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7927, 0.3178, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 180, 211) }
```

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

```
.background{ background-color: rgb(215,  
180, 211) }
```

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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