

Converting Colors

Yxy(52.5670, 0.3183, 0.3000)

Have a look what the booklet for
Yxy(52.5670, 0.3183, 0.3000)
contains.

Yxy(52.5672, 0.3182, 0.3000)	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(52.5672, 0.3182, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	D5B7D0
RGB	213, 183, 208
RGB Percent	84%, 72%, 82%
CMY	0.1648, 0.2823, 0.1842
CMYK	0.00, 0.14, 0.02, 0.16
HSL	310°, 26%, 78%
HSV	310°, 14%, 84%
XYZ	55.7563, 52.5672, 66.9005
YIQ	194.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

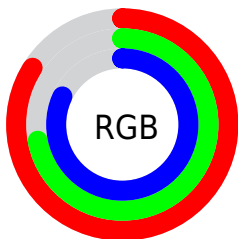
Format	Color
R _Y B	213, 183, 208
Decimal	14006224
CIE Lab	77.62, 15.03, -8.62
CIE LCh	78, 17.323, 330.173
Yxy	52.5672, 0.3182, 0.3000
Android (android.graphics.Color)	4292196304 (0xFFD5B7D0)
YUV	194.8200, 6.4977, 15.9439
Hunter-Lab	72.5032, 10.3890, -3.9561

Details

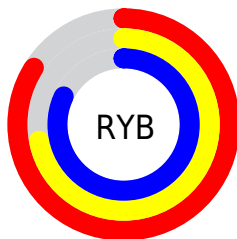
The Yxy color $52.5672, 0.3182, 0.3000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.2734, 0.3077, 0.3598$, and the grayscale version is $54.4174, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $25.5675, 0.3190, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $44.2667, 0.3228, 0.2787$, and if you desaturate by 10%, it is $62.2055, 0.3142, 0.3208$.

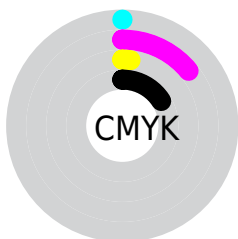
Distribution



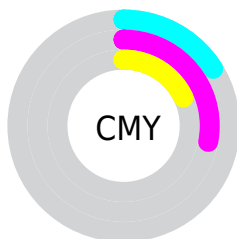
- Red (84%)
- Green (72%)
- Blue (82%)



- Red (84%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5672, 0.3182, 0.3000 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 52.5672, 0.3182, 0.3000 by changing the saturation by 10% instead.


 52.5672, 0.3182,
0.3000

 52.5672, 0.3182,
0.3000


396.6224, 0.3157,
0.3139

 37.4574, 0.3188,
0.2967


 93.9672, 0.3173,
0.3049

 25.5618, 0.3195,
0.2926


121.0262, 0.3170,
0.3068

 16.4961, 0.3204,
0.2872


152.8370, 0.3167,
0.3084

 9.8759, 0.3216,
0.2801

189.7840, 0.3164,
0.3098

 5.3168, 0.3231,
0.2699

232.2517, 0.3162,
0.3110

 2.4343, 0.3253,
0.2546

280.6244, 0.3160,

 0.8434, 0.3286,

0.3121

0.2285

335.2865, 0.3158,
0.3130

0.0000, 0.2694,
0.0000

0.0000, 0.0000,
0.0000

52.5672, 0.3182,
0.3000

52.5672, 0.3182,
0.3000

44.2667, 0.3228,
0.2787

62.2055, 0.3142,
0.3208

37.2374, 0.3279,
0.2575

73.2305, 0.3107,
0.3407

31.4178, 0.3336,
0.2372

85.6971, 0.3077,
0.3593

26.7380, 0.3396,
0.2187

90.9411, 0.3055,
0.3637

■ 23.1213, 0.3460,
0.2030

■ 91.1316, 0.3036,
0.3599

■ 20.4816, 0.3524,
0.1911

■ 91.3262, 0.3016,
0.3561

■ 18.7189, 0.3587,
0.1835

■ 91.5247, 0.2997,
0.3524

■ 17.7125, 0.3647,
0.1804

■ 91.7272, 0.2978,
0.3486

■ 17.3497, 0.3681,
0.1801

■ 91.9337, 0.2959,
0.3449

Harmonies

Analogous

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



52.5672, 0.2951, 0.2912



52.5672, 0.3182, 0.3000



52.5672, 0.3406, 0.3159

Triad

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



52.5672, 0.3182, 0.3000



52.5672, 0.3487, 0.3670



52.5672, 0.2717, 0.3202

Complementary

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



52.5672, 0.3182, 0.3000



61.2734, 0.3077, 0.3598

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.



52.5672, 0.2851, 0.3421



52.5672, 0.3182, 0.3000



52.5672, 0.3293, 0.3699

Square

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



52.5672, 0.3182, 0.3000



52.5672, 0.3585, 0.3540



52.5672, 0.3060, 0.3608



52.5672, 0.2689, 0.3018

Rectangle

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



52.5672, 0.3182, 0.3000



52.5672, 0.3517, 0.3287



52.5672, 0.3060, 0.3608



52.5672, 0.2751, 0.3274

Sweetspot

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



52.5695, 0.3182, 0.3000



93.5559, 0.3142, 0.3208



49.3031, 0.2938, 0.2923



19.7736, 0.3145, 0.3193



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.



52.5695, 0.3182, 0.3000



74.9399, 0.3196, 0.2934



51.8865, 0.3299, 0.3167



12.5959, 0.3163, 0.3098



10.6137, 0.3673, 0.1797



0.6498, 0.3580, 0.1746

Inverse Universe

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



52.5695, 0.3182, 0.3000



74.9399, 0.3196, 0.2934



61.9318, 0.2981, 0.3417



12.5959, 0.3163, 0.3098



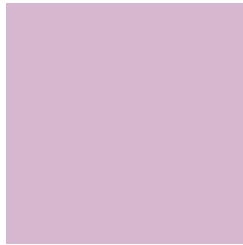
10.6137, 0.3673, 0.1797



0.6498, 0.3580, 0.1746

Previews

White Background



This preview shows how the Yxy color 52.5672, 0.3182, 0.3000 looks on a white background.

Color Contrast Check

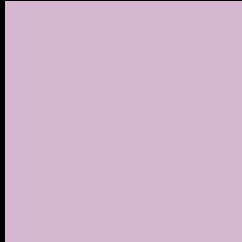
Large Text (above 18pt) WCAG AA × Fail

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 52.5672, 0.3182, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

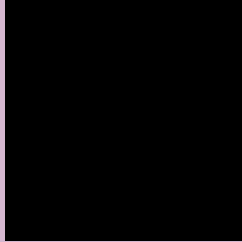
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5672, 0.3182, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 52.5672, 0.3182, 0.3000.



This preview shows how white text looks on a background with the Yxy color 52.5672, 0.3182, 0.3000.

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

52.5672, 0.3182, 0.3000

Protanopia

52.8845, 0.2951, 0.3023

Deuteranopia

52.8830, 0.3114, 0.3053



Tritanopia

52.8185, 0.3244, 0.3126

Trichromacy



Original Color

52.5672, 0.3182, 0.3000

Protanomaly

52.6754, 0.3035, 0.3015

Deuteranomaly

52.8882, 0.3139, 0.3043

Tritanomaly

52.5423, 0.3221, 0.3080

Monochromacy



Original Color

52.5672, 0.3182, 0.3000

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9883, 0.3148, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5672, 0.3182, 0.3000 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(213, 183, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 208)  
}
```

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(213, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.5672, 0.3182, 0.3000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

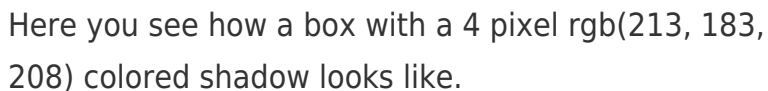
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 183, 208) }
```

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

```
.border{ border-color:rgb(213, 183, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 183, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5672, 0.3182, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 208) }
```

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

```
.background{ background-color: rgb(213,  
183, 208) }
```

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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