

Converting Colors

$Yxy(52.2782, 0.3307, 0.3157)$

Have a look what the booklet for
Yxy(52.2782, 0.3307, 0.3157)
contains.

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Color

Yxy(52.2542, 0.3304, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	D7B7C3
RGB	215, 183, 195
RGB Percent	84%, 72%, 76%
CMY	0.1568, 0.2823, 0.2353
CMYK	0.00, 0.15, 0.09, 0.16
HSL	338°, 29%, 78%
HSV	338°, 15%, 84%
XYZ	54.8088, 52.2542, 58.8233
YIQ	193.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

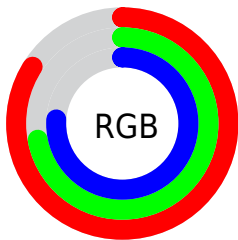
Format	Color
R _Y B	215, 183, 195
Decimal	14137283
CIE Lab	77.43, 13.45, -1.80
CIE LCh	77, 13.566, 352.380
Yxy	52.2542, 0.3304, 0.3150
Android (android.graphics.Color)	4292327363 (0xFFD7B7C3)
YUV	193.9360, 0.5246, 18.4731
Hunter-Lab	72.2871, 8.8383, 2.3540

Details

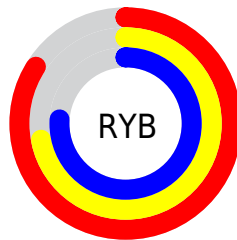
The Yxy color **52.2542, 0.3304, 0.3150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.9846, 0.2978, 0.3435**, and the grayscale version is **53.9005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0213, 0.3153, 0.3165**, and **25.3619, 0.3356, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **43.4729, 0.3456, 0.3050**, and if you desaturate by 10%, it is **62.4497, 0.3179, 0.3246**.

Distribution



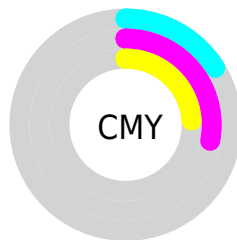
- Red (84%)
- Green (72%)
- Blue (76%)



- Red (84%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (16%)




- Cyan (16%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2542, 0.3304, 0.3150 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 52.2542, 0.3304, 0.3150 by changing the saturation by 10% instead.


 52.2542, 0.3304,
0.3150

 52.2542, 0.3304,
0.3150


395.4172, 0.3218,
0.3218

 37.2077, 0.3325,
0.3134


 93.5060, 0.3273,
0.3174

 25.3684, 0.3352,
0.3113


120.4802, 0.3261,
0.3184

 16.3517, 0.3387,
0.3085


152.1990, 0.3251,
0.3192

 9.7734, 0.3435,
0.3048

189.0469, 0.3243,
0.3198

 5.2490, 0.3504,
0.2994

231.4083, 0.3235,
0.3204

 2.3941, 0.3615,
0.2910

279.6675, 0.3229,

 0.8228, 0.3818,

0.3209

0.2756

334.2090, 0.3223,
0.3214

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2542, 0.3304,
0.3150

52.2542, 0.3304,
0.3150

43.4729, 0.3456,
0.3050

62.4497, 0.3179,
0.3246

36.0361, 0.3639,
0.2948

74.1113, 0.3078,
0.3335

29.8786, 0.3859,
0.2850

87.2966, 0.2994,
0.3417

24.9272, 0.4116,
0.2764

92.7935, 0.2922,
0.3353

■ 21.1009, 0.4409,
0.2700

■ 93.1881, 0.2889,
0.3289

■ 18.3088, 0.4726,
0.2671

■ 16.4455, 0.5051,
0.2688

■ 15.3827, 0.5358,
0.2758

■ 15.0356, 0.5505,
0.2806

Harmonies

Analogous

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



52.2542, 0.3123, 0.3036



52.2542, 0.3304, 0.3150



52.2542, 0.3440, 0.3301

Triad

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



52.2542, 0.3304, 0.3150



52.2542, 0.3303, 0.3613



52.2542, 0.2778, 0.3111

Complementary

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



52.2542, 0.3304, 0.3150



62.9846, 0.2978, 0.3435

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.



52.2542, 0.2824, 0.3267



52.2542, 0.3304, 0.3150



52.2542, 0.3124, 0.3564

Square

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



52.2542, 0.3304, 0.3150



52.2542, 0.3438, 0.3569



52.2542, 0.2949, 0.3435



52.2542, 0.2822, 0.3010

Rectangle

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



52.2542, 0.3304, 0.3150



52.2542, 0.3484, 0.3405



52.2542, 0.2949, 0.3435



52.2542, 0.2783, 0.3158

Sweetspot

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



52.2565, 0.3304, 0.3150



93.2598, 0.3170, 0.3253



51.4350, 0.3044, 0.2913



19.6986, 0.3179, 0.3246



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.



52.2565, 0.3304, 0.3150



72.4174, 0.3351, 0.3118



53.2965, 0.3397, 0.3335



12.4970, 0.3233, 0.3203



9.0114, 0.5466, 0.2785



0.5593, 0.4995, 0.2525

Inverse Universe

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



52.2565, 0.3304, 0.3150



72.4174, 0.3351, 0.3118



61.6987, 0.2901, 0.3245



12.4970, 0.3233, 0.3203



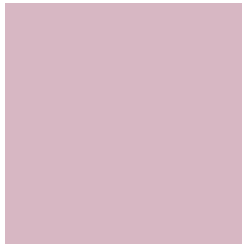
9.0114, 0.5466, 0.2785



0.5593, 0.4995, 0.2525

Previews

White Background



This preview shows how the Yxy color 52.2542, 0.3304, 0.3150 looks on a white background.

Color Contrast Check

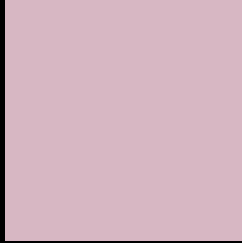
Large Text (above 18pt) WCAG AA × Fail

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 52.2542, 0.3304, 0.3150 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 52.2542, 0.3304, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 52.2542, 0.3304, 0.3150.



This preview shows how white text looks on a background with the Yxy color 52.2542, 0.3304, 0.3150.

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

52.2542, 0.3304, 0.3150

Protanopia

52.2879, 0.3084, 0.3179

Deuteranopia

52.0480, 0.3242, 0.3171



Tritanopia

52.3453, 0.3288, 0.3127

Trichromacy



Original Color

52.2542, 0.3304, 0.3150

Protanomaly

52.0354, 0.3158, 0.3157

Deuteranomaly

52.0700, 0.3269, 0.3160

Tritanomaly

52.2996, 0.3296, 0.3138

Monochromacy



Original Color

52.2542, 0.3304, 0.3150

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2785, 0.3195, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2542, 0.3304, 0.3150 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, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(215, 183, 195)  
}
```

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, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 183, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.2542, 0.3304, 0.3150 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, 183, 195) }
```

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

```
.border{ border-color:rgb(215, 183, 195) }
```

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

Here you see how a box with a 4 pixel rgb(215, 183, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(215, 183,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2542, 0.3304, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 183, 195) }
```

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

```
.background{ background-color: rgb(215,  
183, 195) }
```

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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