

Converting Colors

$Yxy(52.2812, 0.3389, 0.3152)$

Have a look what the booklet for
Yxy(52.2812, 0.3389, 0.3152)
contains.

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Color

Yxy(52.4276, 0.3384, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	DEB5C1
RGB	222, 181, 193
RGB Percent	87%, 71%, 76%
CMY	0.1292, 0.2903, 0.2431
CMYK	0.00, 0.18, 0.13, 0.13
HSL	342°, 38%, 79%
HSV	342°, 18%, 87%
XYZ	56.2865, 52.4276, 57.6171
YIQ	194.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

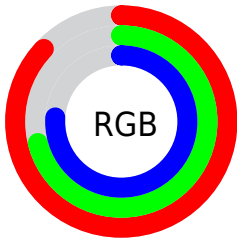
Format	Color
R _Y B	222, 181, 193
Decimal	14595521
CIE Lab	77.54, 16.71, -0.50
CIE LCh	78, 16.716, 358.287
Yxy	52.4276, 0.3384, 0.3152
Android (android.graphics.Color)	4292785601 (0xFFDEB5C1)
YUV	194.6270, -0.8021, 24.0061
Hunter-Lab	72.4069, 12.0473, 3.5054

Details

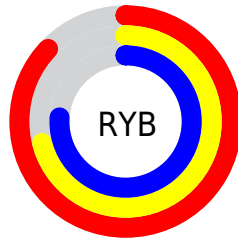
The Yxy color $52.4276, 0.3384, 0.3152$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $66.7441, 0.2922, 0.3433$, and the grayscale version is $54.3396, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.6679, 0.3172, 0.3174$, and $25.4388, 0.3443, 0.3108$ is the 20% darker color. If you saturate the color by 10%, you get $43.4452, 0.3569, 0.3072$, and if you desaturate by 10%, it is $62.9281, 0.3233, 0.3229$.

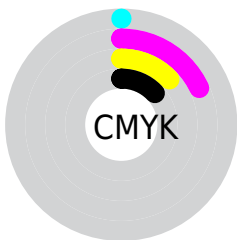
Distribution



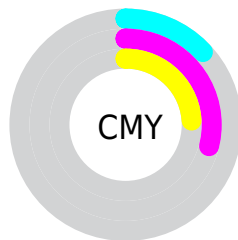
- Red (87%)
- Green (71%)
- Blue (76%)



- Red (87%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4276, 0.3384, 0.3152 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 52.4276, 0.3384, 0.3152 by changing the saturation by 10% instead.


 52.4276, 0.3384,
0.3152

 52.4276, 0.3384,
0.3152

396.0852, 0.3258,
0.3220

 37.3460, 0.3415,
0.3136


 93.7616, 0.3339,
0.3176

 25.4755, 0.3454,
0.3115


120.7827, 0.3322,
0.3185

 16.4317, 0.3505,
0.3087


152.5525, 0.3307,
0.3193

 9.8301, 0.3575,
0.3050

189.4554, 0.3295,
0.3200

 5.2865, 0.3677,
0.2995

231.8757, 0.3284,
0.3206

 2.4163, 0.3840,
0.2910

280.1978, 0.3274,

 0.8343, 0.4137,

0.3211

0.2752

334.8062, 0.3266,
0.3216

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4276, 0.3384,
0.3152

52.4276, 0.3384,
0.3152

43.4452, 0.3569,
0.3072

62.9281, 0.3233,
0.3229

35.9034, 0.3794,
0.2993

75.0054, 0.3110,
0.3300

29.7288, 0.4064,
0.2919

88.7236, 0.3010,
0.3367

24.8383, 0.4378,
0.2860

94.2773, 0.2929,
0.3289

■ 21.1399, 0.4730,
0.2825

■ 18.5292, 0.5101,
0.2827

■ 16.8832, 0.5460,
0.2875

■ 16.0207, 0.5773,
0.2964

■ 15.9200, 0.5816,
0.2978

Harmonies

Analogous

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



52.4276, 0.3166, 0.3002



52.4276, 0.3384, 0.3152



52.4276, 0.3534, 0.3339

Triad

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



52.4276, 0.3384, 0.3152



52.4276, 0.3301, 0.3686



52.4276, 0.2702, 0.3037

Complementary

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



52.4276, 0.3384, 0.3152



66.7441, 0.2922, 0.3433

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.



52.4276, 0.2736, 0.3218



52.4276, 0.3384, 0.3152



52.4276, 0.3077, 0.3605

Square

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



52.4276, 0.3384, 0.3152



52.4276, 0.3484, 0.3652



52.4276, 0.2871, 0.3430



52.4276, 0.2777, 0.2932

Rectangle

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



52.4276, 0.3384, 0.3152



52.4276, 0.3573, 0.3464



52.4276, 0.2871, 0.3430



52.4276, 0.2701, 0.3091

Sweetspot

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



52.4300, 0.3384, 0.3152



89.9466, 0.3201, 0.3247



51.9799, 0.3048, 0.2819



19.0284, 0.3209, 0.3242



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.



52.4300, 0.3384, 0.3152



66.9849, 0.3448, 0.3123



55.3530, 0.3470, 0.3386



13.7663, 0.3246, 0.3222



9.4684, 0.5778, 0.2957



0.6716, 0.5336, 0.2713

Inverse Universe

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



52.4300, 0.3384, 0.3152



66.9849, 0.3448, 0.3123



63.1086, 0.2845, 0.3192



13.7663, 0.3246, 0.3222



9.4684, 0.5778, 0.2957



0.6716, 0.5336, 0.2713

Previews

White Background



This preview shows how the Yxy color 52.4276, 0.3384, 0.3152 looks on a white background.

Color Contrast Check

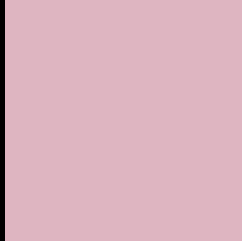
Large Text (above 18pt) WCAG AA × Fail

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 52.4276, 0.3384, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

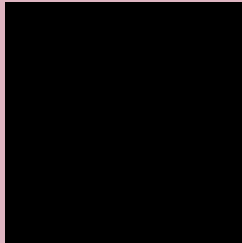
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4276, 0.3384, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 52.4276, 0.3384, 0.3152.



This preview shows how white text looks on a background with the Yxy color 52.4276, 0.3384, 0.3152.

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

52.4276, 0.3384, 0.3152

Protanopia

52.7226, 0.3083, 0.3192

Deuteranopia

52.6252, 0.3282, 0.3219



Tritanopia

52.5175, 0.3367, 0.3130

Trichromacy



Original Color

52.4276, 0.3384, 0.3152

Protanomaly

52.4092, 0.3191, 0.3170

Deuteranomaly

52.3829, 0.3319, 0.3196

Tritanomaly

52.4724, 0.3375, 0.3141

Monochromacy



Original Color

52.4276, 0.3384, 0.3152

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7011, 0.3220, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4276, 0.3384, 0.3152 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(222, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 193)  
}
```

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(222, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.4276, 0.3384, 0.3152 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(222, 181, 193) }
```

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

```
.border{ border-color:rgb(222, 181, 193) }
```

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

Here you see how a box with a 4 pixel rgb(222, 181, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4276, 0.3384, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 193) }
```

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

```
.background{ background-color: rgb(222,  
181, 193) }
```

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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