

Converting Colors

$Yxy(52.7606, 0.3336, 0.3092)$

Have a look what the booklet for
Yxy(52.7606, 0.3336, 0.3092)
contains.

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Color

Yxy(52.7009, 0.3334, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	DEB5C7
RGB	222, 181, 199
RGB Percent	87%, 71%, 78%
CMY	0.1292, 0.2903, 0.2195
CMYK	0.00, 0.19, 0.10, 0.13
HSL	334°, 38%, 79%
HSV	334°, 19%, 87%
XYZ	56.9730, 52.7009, 61.2110
YIQ	195.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

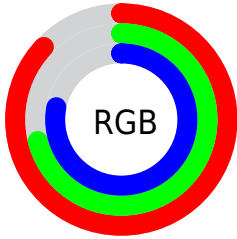
Format	Color
R _Y B	222, 181, 199
Decimal	14595527
CIE Lab	77.70, 17.71, -3.52
CIE LCh	78, 18.055, 348.771
Yxy	52.7009, 0.3334, 0.3084
Android (android.graphics.Color)	4292785607 (0xFFDEB5C7)
YUV	195.3110, 1.8187, 23.4063
Hunter-Lab	72.5954, 13.0453, 0.8246

Details

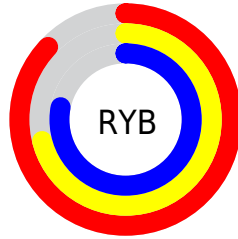
The Yxy color $52.7009, 0.3334, 0.3084$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $66.4598, 0.2959, 0.3506$, and the grayscale version is $54.7536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $25.5897, 0.3385, 0.3033$ is the 20% darker color. If you saturate the color by 10%, you get $43.8268, 0.3480, 0.2966$, and if you desaturate by 10%, it is $63.0663, 0.3213, 0.3198$.

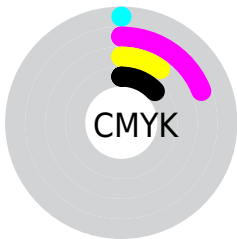
Distribution



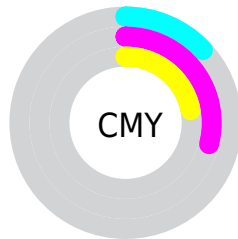
- Red (87%)
- Green (71%)
- Blue (78%)



- Red (87%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (10%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7009, 0.3334, 0.3084 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 52.7009, 0.3334, 0.3084 by changing the saturation by 10% instead.

 52.7009, 0.3334,
0.3084

 52.7009, 0.3334,
0.3084


397.1365, 0.3233,
0.3184

 37.5641, 0.3358,
0.3060


 94.1641, 0.3298,
0.3119

 25.6445, 0.3389,
0.3030


121.2592, 0.3284,
0.3133

 16.5579, 0.3429,
0.2991


153.1093, 0.3273,
0.3144

 9.9198, 0.3484,
0.2938

190.0986, 0.3263,
0.3154

 5.3458, 0.3563,
0.2863

232.6116, 0.3254,
0.3163

 2.4516, 0.3687,
0.2747

281.0326, 0.3246,

 0.8522, 0.3907,

0.3171

0.2543

335.7462, 0.3240,
0.3177

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7009, 0.3334,
0.3084

52.7009, 0.3334,
0.3084

43.8268, 0.3480,
0.2966

63.0663, 0.3213,
0.3198

36.3678, 0.3655,
0.2848

74.9806, 0.3113,
0.3306

30.2516, 0.3862,
0.2737

88.5069, 0.3032,
0.3406

25.3965, 0.4100,
0.2641

93.8901, 0.2962,
0.3352

■ 21.7118, 0.4366,
0.2574

■ 94.2800, 0.2929,
0.3289

■ 19.0946, 0.4649,
0.2548

■ 17.4238, 0.4935,
0.2573

■ 16.5198, 0.5205,
0.2650

■ 16.4122, 0.5245,
0.2663

Harmonies

Analogous

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



52.7009, 0.3090, 0.2944



52.7009, 0.3334, 0.3084



52.7009, 0.3527, 0.3277

Triad

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



52.7009, 0.3334, 0.3084



52.7009, 0.3385, 0.3720



52.7009, 0.2669, 0.3071

Complementary

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



52.7009, 0.3334, 0.3084



66.4598, 0.2959, 0.3506

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.



52.7009, 0.2741, 0.3284



52.7009, 0.3334, 0.3084



52.7009, 0.3150, 0.3672

Square

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



52.7009, 0.3334, 0.3084



52.7009, 0.3555, 0.3644



52.7009, 0.2915, 0.3509



52.7009, 0.2712, 0.2930

Rectangle

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



52.7009, 0.3334, 0.3084



52.7009, 0.3596, 0.3414



52.7009, 0.2915, 0.3509



52.7009, 0.2680, 0.3136

Sweetspot

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



52.7032, 0.3334, 0.3084



90.0831, 0.3187, 0.3225



51.0941, 0.2999, 0.2811



19.0606, 0.3194, 0.3218



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.



52.7032, 0.3334, 0.3084



67.4170, 0.3384, 0.3041



52.7559, 0.3483, 0.3315



13.8000, 0.3224, 0.3188



9.7635, 0.5209, 0.2643



0.6945, 0.4824, 0.2431

Inverse Universe

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



52.7032, 0.3334, 0.3084



67.4170, 0.3384, 0.3041



66.2912, 0.2849, 0.3265



13.8000, 0.3224, 0.3188



9.7635, 0.5209, 0.2643



0.6945, 0.4824, 0.2431

Previews

White Background



This preview shows how the Yxy color 52.7009, 0.3334, 0.3084 looks on a white background.

Color Contrast Check

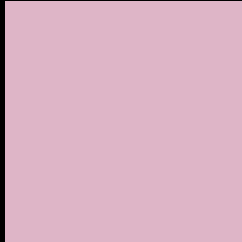
Large Text (above 18pt) WCAG AA × Fail

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 52.7009, 0.3334, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

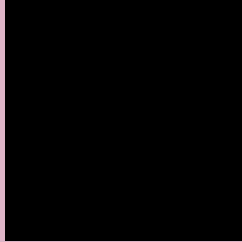
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7009, 0.3334, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 52.7009, 0.3334, 0.3084.



This preview shows how white text looks on a background with the Yxy color 52.7009, 0.3334, 0.3084.

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

52.7009, 0.3334, 0.3084

Protanopia

52.8758, 0.3031, 0.3119

Deuteranopia

52.6049, 0.3217, 0.3148



Tritanopia

52.9710, 0.3357, 0.3130

Trichromacy



Original Color

52.7009, 0.3334, 0.3084

Protanomaly

52.5490, 0.3136, 0.3099

Deuteranomaly

52.5043, 0.3261, 0.3126

Tritanomaly

53.0167, 0.3349, 0.3119

Monochromacy



Original Color

52.7009, 0.3334, 0.3084

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7916, 0.3204, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7009, 0.3334, 0.3084 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.7009, 0.3334, 0.3084 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, 199) }
```

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

```
.border{ border-color:rgb(222, 181, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7009, 0.3334, 0.3084 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, 199) }
```

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

```
.background{ background-color: rgb(222,  
181, 199) }
```

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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