

Converting Colors

$Y_{xy}(52.3179, 0.3434, 0.3152)$

Have a look what the booklet for
Yxy(52.3179, 0.3434, 0.3152)
contains.

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Color

Yxy(52.1705, 0.3439, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	E2B3BF
RGB	226, 179, 191
RGB Percent	89%, 70%, 75%
CMY	0.1138, 0.2980, 0.2510
CMYK	0.00, 0.21, 0.15, 0.11
HSL	345°, 45%, 79%
HSV	345°, 21%, 89%
XYZ	56.8847, 52.1705, 56.3554
YIQ	194.4210, 24.1600, 13.6960

Conversions

Conversions Part 2

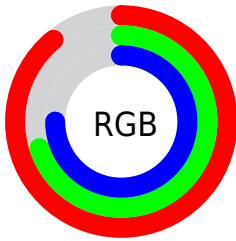
Format	Color
R _Y B	226, 179, 191
Decimal	14857151
CIE Lab	77.38, 18.85, 0.43
CIE LCh	77, 18.856, 1.294
Yxy	52.1705, 0.3439, 0.3154
Android (android.graphics.Color)	4293047231 (0xFFE2B3BF)
YUV	194.4210, -1.6866, 27.6948
Hunter-Lab	72.2291, 14.1782, 4.3005

Details

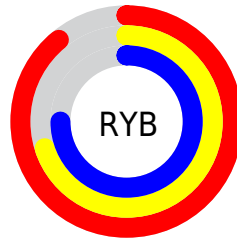
The Yxy color $52.1705, 0.3439, 0.3154$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.8282, 0.2887, 0.3431$, and the grayscale version is $54.2112, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3921, 0.3186, 0.3174$, and $25.3027, 0.3519, 0.3110$ is the 20% darker color. If you saturate the color by 10%, you get $43.1445, 0.3644, 0.3084$, and if you desaturate by 10%, it is $62.7709, 0.3272, 0.3222$.

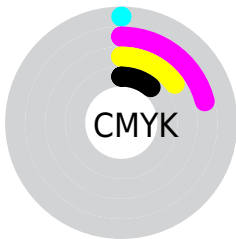
Distribution



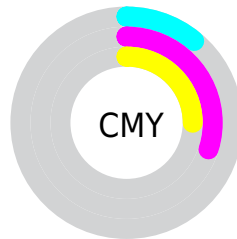
- Red (89%)
- Green (70%)
- Blue (75%)



- Red (89%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1705, 0.3439, 0.3154 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 52.1705, 0.3439, 0.3154 by changing the saturation by 10% instead.


 52.1705, 0.3439,
0.3154

 52.1705, 0.3439,
0.3154


395.0945, 0.3286,
0.3221

 37.1410, 0.3476,
0.3138


 93.3826, 0.3384,
0.3178

 25.3167, 0.3524,
0.3117


120.3341, 0.3363,
0.3187

 16.3131, 0.3587,
0.3089


152.0283, 0.3345,
0.3195

 9.7460, 0.3673,
0.3051

188.8496, 0.3330,
0.3202

 5.2309, 0.3798,
0.2996

231.1825, 0.3317,
0.3208

 2.3834, 0.3997,
0.2907

279.4114, 0.3305,

 0.8173, 0.4370,

0.3213

0.2743

333.9206, 0.3295,
0.3217

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1705, 0.3439,
0.3154

52.1705, 0.3439,
0.3154

43.1445, 0.3644,
0.3084

62.7709, 0.3272,
0.3222

35.6108, 0.3894,
0.3016

75.0087, 0.3137,
0.3285

29.4904, 0.4192,
0.2955

88.9521, 0.3027,
0.3344

24.6942, 0.4537,
0.2909

94.9072, 0.2952,
0.3289

■ 21.1229, 0.4917,
0.2889

■ 18.6631, 0.5307,
0.2906

■ 17.1797, 0.5668,
0.2966

■ 16.4689, 0.5945,
0.3048

Harmonies

Analogous

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



52.1705, 0.3196, 0.2980



52.1705, 0.3439, 0.3154



52.1705, 0.3599, 0.3366

Triad

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



52.1705, 0.3439, 0.3154



52.1705, 0.3298, 0.3736



52.1705, 0.2652, 0.2987

Complementary

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



52.1705, 0.3439, 0.3154



68.8282, 0.2887, 0.3431

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.



52.1705, 0.2677, 0.3184



52.1705, 0.3439, 0.3154



52.1705, 0.3044, 0.3632

Square

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



52.1705, 0.3439, 0.3154



52.1705, 0.3513, 0.3708



52.1705, 0.2818, 0.3424



52.1705, 0.2747, 0.2881

Rectangle

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



52.1705, 0.3439, 0.3154



52.1705, 0.3633, 0.3505



52.1705, 0.2818, 0.3424



52.1705, 0.2647, 0.3044

Sweetspot

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



52.1729, 0.3439, 0.3154



89.9111, 0.3204, 0.3252



51.9504, 0.3049, 0.2759



19.0200, 0.3213, 0.3248



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.



52.1729, 0.3439, 0.3154



63.1605, 0.3524, 0.3124



56.2374, 0.3518, 0.3417



13.7576, 0.3252, 0.3230



9.4127, 0.5906, 0.3027



0.6668, 0.5466, 0.2785

Inverse Universe

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



52.1729, 0.3439, 0.3154



63.1605, 0.3524, 0.3124



63.6909, 0.2809, 0.3160



13.7576, 0.3252, 0.3230



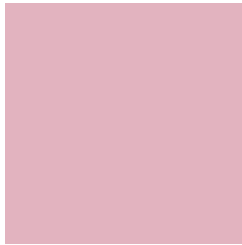
9.4127, 0.5906, 0.3027



0.6668, 0.5466, 0.2785

Previews

White Background



This preview shows how the Yxy color 52.1705, 0.3439, 0.3154 looks on a white background.

Color Contrast Check

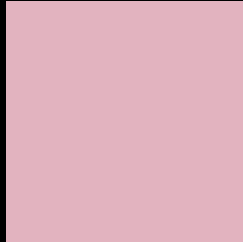
Large Text (above 18pt) WCAG AA × Fail

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 52.1705, 0.3439, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

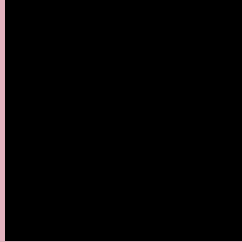
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1705, 0.3439, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 52.1705, 0.3439, 0.3154.



This preview shows how white text looks on a background with the Yxy color 52.1705, 0.3439, 0.3154.

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

52.1705, 0.3439, 0.3154

Protanopia

52.2416, 0.3091, 0.3192

Deuteranopia

52.1173, 0.3299, 0.3231



Tritanopia

52.2592, 0.3422, 0.3131

Trichromacy



Original Color

52.1705, 0.3439, 0.3154

Protanomaly

52.0371, 0.3216, 0.3182

Deuteranomaly

52.1836, 0.3354, 0.3208

Tritanomaly

52.2147, 0.3430, 0.3142

Monochromacy



Original Color

52.1705, 0.3439, 0.3154

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3673, 0.3237, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1705, 0.3439, 0.3154 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(226, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 179, 191)  
}
```

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(226, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 179, 191) }
```

Border

The CSS property to change the border of an element to Yxy 52.1705, 0.3439, 0.3154 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(226, 179, 191) }
```

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

```
.border{ border-color:rgb(226, 179, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 179,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1705, 0.3439, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 179, 191) }
```

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

```
.background{ background-color: rgb(226,  
179, 191) }
```

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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