

Converting Colors

$Y_{xy}(52.1759, 0.3513, 0.3084)$

Have a look what the booklet for
Yxy(52.1759, 0.3513, 0.3084)
contains.

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Color

Yxy(52.3431, 0.3517, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	ECAF C1
RGB	236, 175, 193
RGB Percent	93%, 69%, 76%
CMY	0.0746, 0.3136, 0.2432
CMYK	0.00, 0.26, 0.18, 0.07
HSL	342°, 62%, 81%
HSV	342°, 26%, 93%
XYZ	59.5377, 52.3431, 57.4047
YIQ	195.2910, 30.5780, 18.5300

Conversions

Conversions Part 2

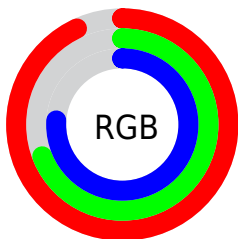
Format	Color
R _Y B	236, 175, 193
Decimal	15511489
CIE Lab	77.49, 24.86, -0.39
CIE LCh	77, 24.862, 359.107
Yxy	52.3431, 0.3517, 0.3092
Android (android.graphics.Color)	4293701569 (0xFFECAFC1)
YUV	195.2910, -1.1295, 35.7018
Hunter-Lab	72.3485, 20.2830, 3.6005

Details

The Yxy color **52.3431, 0.3517, 0.3092** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1516, 0.2846, 0.3499**, and the grayscale version is **54.7490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2514, 0.3176, 0.3115**, and **25.3962, 0.3614, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **43.2458, 0.3732, 0.3011**, and if you desaturate by 10%, it is **63.1337, 0.3341, 0.3172**.

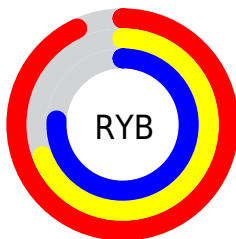
Distribution



Red (93%)

Green (69%)

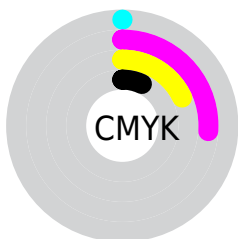
Blue (76%)



Red (93%)

Yellow (69%)

Blue (76%)

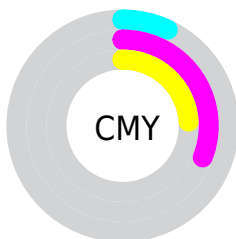


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3431, 0.3517, 0.3092 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 52.3431, 0.3517, 0.3092 by changing the saturation by 10% instead.

 52.3431, 0.3517,
0.3092

 52.3431, 0.3517,
0.3092

395.7597, 0.3326,
0.3189

 37.2786, 0.3564,
0.3068


 93.6370, 0.3448,
0.3127

 25.4233, 0.3623,
0.3038


120.6353, 0.3422,
0.3140

 16.3927, 0.3700,
0.2999

152.3803, 0.3400,
0.3151

 9.8025, 0.3807,
0.2946

189.2564, 0.3381,
0.3161

 5.2682, 0.3961,
0.2868

231.6480, 0.3365,
0.3169

 2.4055, 0.4204,
0.2746

279.9395, 0.3350,

 0.8287, 0.4644,

0.3177

0.2525

334.5153, 0.3337,
0.3183

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3431, 0.3517,
0.3092

52.3431, 0.3517,
0.3092

43.2458, 0.3732,
0.3011

63.1337, 0.3341,
0.3172

35.7484, 0.3990,
0.2935

75.6906, 0.3198,
0.3248

29.7594, 0.4294,
0.2870

90.0910, 0.3082,
0.3319

25.1750, 0.4638,
0.2828

96.5674, 0.3011,
0.3290

■ 21.8780, 0.5007,
0.2820

■ 19.7321, 0.5373,
0.2856

■ 18.5695, 0.5699,
0.2939

■ 18.2636, 0.5820,
0.2980

Harmonies

Analogous

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



52.3431, 0.3190, 0.2875



52.3431, 0.3517, 0.3092



52.3431, 0.3741, 0.3362

Triad

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



52.3431, 0.3517, 0.3092



52.3431, 0.3372, 0.3887



52.3431, 0.2506, 0.2904

Complementary

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



52.3431, 0.3517, 0.3092



74.1516, 0.2846, 0.3499

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.



52.3431, 0.2549, 0.3167



52.3431, 0.3517, 0.3092



52.3431, 0.3038, 0.3763

Square

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



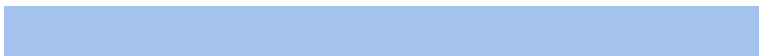
52.3431, 0.3517, 0.3092



52.3431, 0.3649, 0.3829



52.3431, 0.2739, 0.3489



52.3431, 0.2617, 0.2761

Rectangle

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



52.3431, 0.3517, 0.3092



52.3431, 0.3794, 0.3545



52.3431, 0.2739, 0.3489



52.3431, 0.2503, 0.2980

Sweetspot

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



52.3455, 0.3517, 0.3092



86.7755, 0.3227, 0.3232



51.5798, 0.3009, 0.2618



18.0751, 0.3248, 0.3220



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.



52.3455, 0.3517, 0.3092



56.4258, 0.3626, 0.3049



56.5540, 0.3645, 0.3427



15.1271, 0.3247, 0.3221



10.0900, 0.5778, 0.2957



0.8086, 0.5384, 0.2740

Inverse Universe

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



52.3455, 0.3517, 0.3092



56.4258, 0.3626, 0.3049



68.3634, 0.2736, 0.3148



15.1271, 0.3247, 0.3221



10.0900, 0.5778, 0.2957



0.8086, 0.5384, 0.2740

Previews

White Background



This preview shows how the Yxy color 52.3431, 0.3517, 0.3092 looks on a white background.

Color Contrast Check

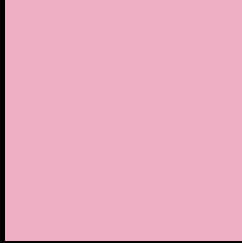
Large Text (above 18pt) WCAG AA × Fail

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 52.3431, 0.3517, 0.3092 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 52.3431, 0.3517, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 52.3431, 0.3517, 0.3092.



This preview shows how white text looks on a background with the Yxy color 52.3431, 0.3517, 0.3092.

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

52.3431, 0.3517, 0.3092

Protanopia

52.7323, 0.3053, 0.3155

Deuteranopia

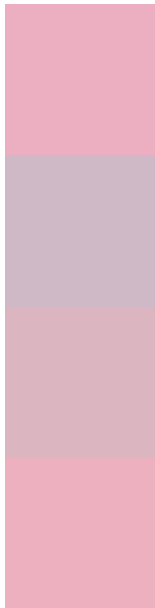
52.5810, 0.3290, 0.3231



Tritanopia

52.5577, 0.3551, 0.3147

Trichromacy



Original Color

52.3431, 0.3517, 0.3092

Protanomaly

52.2313, 0.3210, 0.3124

Deuteranomaly

52.3217, 0.3365, 0.3174

Tritanomaly

52.6012, 0.3542, 0.3136

Monochromacy



Original Color

52.3431, 0.3517, 0.3092

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.5631, 0.3264, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3431, 0.3517, 0.3092 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(236, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(236, 175, 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(236, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 175, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.3431, 0.3517, 0.3092 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(236, 175, 193) }
```

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

```
.border{ border-color:rgb(236, 175, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(236, 175,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3431, 0.3517, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 175, 193) }
```

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

```
.background{ background-color: rgb(236,  
175, 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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