

Converting Colors

$Y_{xy}(59.2700, 0.3541, 0.3394)$

Have a look what the booklet for
Yxy(59.2700, 0.3541, 0.3394)
contains.

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Color

Yxy(59.0930, 0.3538, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	EAC1B8
RGB	234, 193, 184
RGB Percent	92%, 76%, 72%
CMY	0.0824, 0.2431, 0.2783
CMYK	0.00, 0.18, 0.21, 0.08
HSL	11°, 54%, 82%
HSV	11°, 21%, 92%
XYZ	61.6547, 59.0930, 53.5165
YIQ	204.2330, 27.3250, 5.8930

Conversions

Conversions Part 2

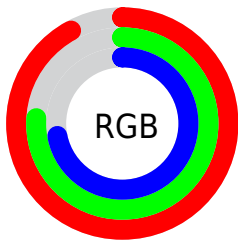
Format	Color
RYB	234, 195, 184
Decimal	15385016
CIELab	81.34, 13.24, 10.00
CIELCh	81, 16.594, 37.043
Yxy	59.0930, 0.3538, 0.3391
Android (android.graphics.Color)	4293575096 (0xFFEAC1B8)
YUV	204.2330, -9.9749, 26.1057
Hunter-Lab	76.8720, 8.6389, 12.5340

Details

The Yxy color **59.0930, 0.3538, 0.3391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9940, 0.2802, 0.3187**, and the grayscale version is **60.5921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9225, 0.3218, 0.3387**, and **29.5689, 0.3652, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **50.2506, 0.3797, 0.3442**, and if you desaturate by 10%, it is **69.2046, 0.3324, 0.3342**.

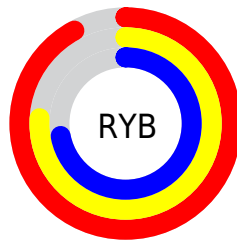
Distribution



Red (92%)

Green (76%)

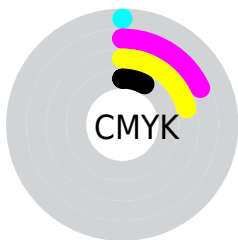
Blue (72%)



Red (92%)

Yellow (76%)

Blue (72%)

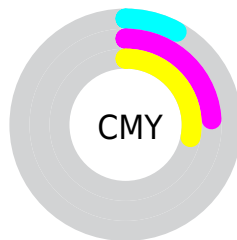


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0930, 0.3538, 0.3391 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 59.0930, 0.3538, 0.3391 by changing the saturation by 10% instead.


 59.0930, 0.3538,
0.3391

 59.0930, 0.3538,
0.3391


421.2465, 0.3339,
0.3346

 42.6880, 0.3586,
0.3401


 103.5128, 0.3467,
0.3376

 29.6404, 0.3646,
0.3413


132.2964, 0.3440,
0.3370

 19.5658, 0.3724,
0.3427


165.9750, 0.3417,
0.3364

 12.0798, 0.3830,
0.3445

204.9330, 0.3397,
0.3360

 6.7981, 0.3980,
0.3468

249.5547, 0.3380,
0.3356

 3.3361, 0.4211,
0.3495

300.2246, 0.3365,

 1.3096, 0.4642,

0.3352

0.3548

357.3271, 0.3351,
0.3349

0.1486, 0.7576,
0.2424

0.0000, 0.0000,
0.0000

59.0930, 0.3538,
0.3391

59.0930, 0.3538,
0.3391

50.2506, 0.3797,
0.3442

69.2046, 0.3324,
0.3342

42.6193, 0.4106,
0.3491

80.6245, 0.3148,
0.3296

36.1483, 0.4467,
0.3535

93.4003, 0.3004,
0.3254

30.7801, 0.4872,
0.3565

96.2321, 0.2999,
0.3290

■ 26.4525, 0.5298,
0.3573

■ 23.0964, 0.5703,
0.3551

■ 20.6344, 0.6033,
0.3496

■ 19.1515, 0.6232,
0.3434

Harmonies

Analogous

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



59.0930, 0.3423, 0.3209



59.0930, 0.3538, 0.3391



59.0930, 0.3538, 0.3555

Triad

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



59.0930, 0.3538, 0.3391



59.0930, 0.3018, 0.3549



59.0930, 0.2831, 0.2936

Complementary

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



59.0930, 0.3538, 0.3391



69.9940, 0.2802, 0.3187

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.



59.0930, 0.2731, 0.3011



59.0930, 0.3538, 0.3391



59.0930, 0.2836, 0.3365

Square

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



59.0930, 0.3538, 0.3391



59.0930, 0.3233, 0.3656



59.0930, 0.2733, 0.3166



59.0930, 0.3011, 0.2952

Rectangle

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



59.0930, 0.3538, 0.3391



59.0930, 0.3473, 0.3632



59.0930, 0.2733, 0.3166



59.0930, 0.2788, 0.2951

Sweetspot

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



59.0957, 0.3538, 0.3391



91.3055, 0.3226, 0.3317



57.2561, 0.3216, 0.2843



19.3482, 0.3238, 0.3320



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.



59.0957, 0.3538, 0.3391



66.5145, 0.3655, 0.3415



70.7551, 0.3484, 0.3653



15.4917, 0.3288, 0.3333



10.8918, 0.6210, 0.3451



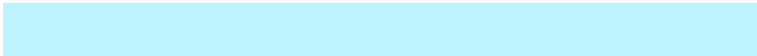
0.9808, 0.5960, 0.3650

Inverse Universe

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



69.9940, 0.2802, 0.3187



82.1533, 0.2733, 0.3161



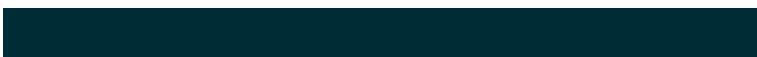
57.7591, 0.2782, 0.2899



16.6347, 0.2981, 0.3247



24.6804, 0.2085, 0.2706



2.0581, 0.2110, 0.2796

Previews

White Background



This preview shows how the Yxy color 59.0930, 0.3538, 0.3391 looks on a white background.

Color Contrast Check

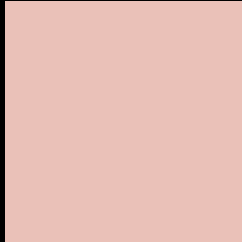
Large Text (above 18pt) WCAG AA × Fail

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 59.0930, 0.3538, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

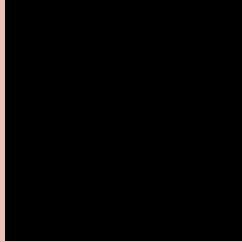
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0930, 0.3538, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 59.0930, 0.3538, 0.3391.



This preview shows how white text looks on a background with the Yxy color 59.0930, 0.3538, 0.3391.

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

59.0930, 0.3538, 0.3391

Protanopia

59.4705, 0.3277, 0.3443

Deuteranopia

59.1489, 0.3492, 0.3415



Tritanopia

59.0676, 0.3390, 0.3127

Trichromacy



Original Color

59.0930, 0.3538, 0.3391

Protanomaly

59.3401, 0.3370, 0.3429

Deuteranomaly

59.0332, 0.3511, 0.3403

Tritanomaly

58.9550, 0.3445, 0.3225

Monochromacy



Original Color

59.0930, 0.3538, 0.3391

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7868, 0.3268, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0930, 0.3538, 0.3391 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(234, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(234, 193, 184)  
}
```

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(234, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 193, 184) }
```

Border

The CSS property to change the border of an element to Yxy 59.0930, 0.3538, 0.3391 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(234, 193, 184) }
```

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

```
.border{ border-color:rgb(234, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(234, 193,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0930, 0.3538, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 193, 184) }
```

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

```
.background{ background-color: rgb(234,  
193, 184) }
```

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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