

Converting Colors

$Yxy(52.7404, 0.3735, 0.3376)$

Have a look what the booklet for
Yxy(52.7404, 0.3735, 0.3376)
contains.

Yxy(52.9202, 0.3733, 0.3381)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9202, 0.3733, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	EEB2AA
RGB	238, 178, 170
RGB Percent	93%, 70%, 67%
CMY	0.0668, 0.3019, 0.3333
CMYK	0.00, 0.25, 0.29, 0.07
HSL	7°, 67%, 80%
HSV	7°, 29%, 93%
XYZ	58.4298, 52.9202, 45.1723
YIQ	195.0280, 38.3280, 10.2320

Conversions

Conversions Part 2

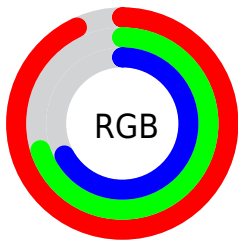
Format	Color
R _Y B	238, 179, 170
Decimal	15643306
CIE Lab	77.83, 20.71, 12.61
CIE LCh	78, 24.248, 31.327
Yxy	52.9202, 0.3733, 0.3381
Android (android.graphics.Color)	4293833386 (0xFFEEB2AA)
YUV	195.0280, -12.3388, 37.6864
Hunter-Lab	72.7463, 16.0652, 14.1058

Details

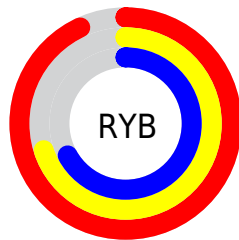
The Yxy color **52.9202, 0.3733, 0.3381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2958, 0.2703, 0.3196**, and the grayscale version is **54.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5419, 0.3329, 0.3380**, and **25.7990, 0.3902, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **44.3757, 0.4041, 0.3414**, and if you desaturate by 10%, it is **62.9113, 0.3480, 0.3348**.

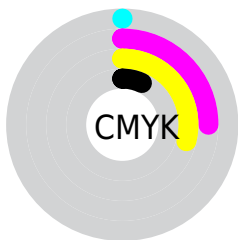
Distribution



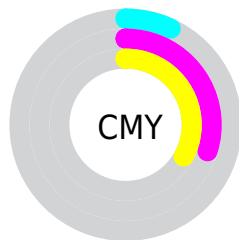
- Red (93%)
- Green (70%)
- Blue (67%)



- Red (93%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9202, 0.3733, 0.3381 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 52.9202, 0.3733, 0.3381 by changing the saturation by 10% instead.


 52.9202, 0.3733,
0.3381

 52.9202, 0.3733,
0.3381


397.9789, 0.3434,
0.3343

 37.7391, 0.3806,
0.3388


 94.4869, 0.3625,
0.3369

 25.7802, 0.3900,
0.3396


121.6413, 0.3584,
0.3364

 16.6593, 0.4023,
0.3404


153.5556, 0.3550,
0.3360

 9.9919, 0.4191,
0.3412

190.6141, 0.3520,
0.3356

 5.3936, 0.4435,
0.3415

233.2013, 0.3494,
0.3352

 2.4800, 0.4815,
0.3401

281.7016, 0.3471,

 0.8666, 0.6062,

0.3349

0.3675

336.4993, 0.3451,
0.3346

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9202, 0.3733,
0.3381

52.9202, 0.3733,
0.3381

44.3757, 0.4041,
0.3414

62.9113, 0.3480,
0.3348

37.2037, 0.4406,
0.3444

74.4040, 0.3273,
0.3316

31.3346, 0.4824,
0.3466

87.4594, 0.3105,
0.3286

26.6898, 0.5273,
0.3473

96.9121, 0.3023,
0.3290

■ 23.1820, 0.5706,
0.3459

■ 20.7125, 0.6062,
0.3423

■ 19.1624, 0.6292,
0.3372

■ 19.0036, 0.6317,
0.3366

Harmonies

Analogous

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



52.9202, 0.3527, 0.3116



52.9202, 0.3733, 0.3381



52.9202, 0.3766, 0.3639

Triad

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



52.9202, 0.3733, 0.3381



52.9202, 0.3017, 0.3733



52.9202, 0.2644, 0.2770

Complementary

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



52.9202, 0.3733, 0.3381



71.2958, 0.2703, 0.3196

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.



52.9202, 0.2525, 0.2900



52.9202, 0.3733, 0.3381



52.9202, 0.2732, 0.3460

Square

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



52.9202, 0.3733, 0.3381



52.9202, 0.3342, 0.3867



52.9202, 0.2556, 0.3149



52.9202, 0.2891, 0.2774

Rectangle

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



52.9202, 0.3733, 0.3381



52.9202, 0.3686, 0.3774



52.9202, 0.2556, 0.3149



52.9202, 0.2589, 0.2799

Sweetspot

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



52.9227, 0.3733, 0.3381



86.3640, 0.3282, 0.3317



52.6430, 0.3224, 0.2655



18.0438, 0.3310, 0.3322



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.



52.9227, 0.3733, 0.3381



56.1420, 0.3897, 0.3400



68.1227, 0.3631, 0.3746



16.0585, 0.3290, 0.3318



10.7004, 0.6301, 0.3379



0.9870, 0.6110, 0.3531

Inverse Universe

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



71.2958, 0.2703, 0.3196



80.7564, 0.2629, 0.3176



54.2284, 0.2660, 0.2787



17.5926, 0.2981, 0.3261



29.2780, 0.2143, 0.2915



2.5247, 0.2158, 0.2969

Previews

White Background



This preview shows how the Yxy color 52.9202, 0.3733, 0.3381 looks on a white background.

Color Contrast Check

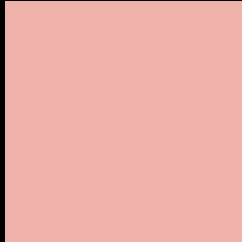
Large Text (above 18pt) WCAG AA × Fail

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 52.9202, 0.3733, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

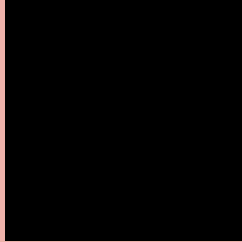
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9202, 0.3733, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 52.9202, 0.3733, 0.3381.



This preview shows how white text looks on a background with the Yxy color 52.9202, 0.3733, 0.3381.

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

52.9202, 0.3733, 0.3381

Protanopia

53.1530, 0.3309, 0.3475

Deuteranopia

53.1980, 0.3559, 0.3491



Tritanopia

52.8593, 0.3588, 0.3138

Trichromacy



Original Color

52.9202, 0.3733, 0.3381

Protanomaly

52.8928, 0.3462, 0.3446

Deuteranomaly

53.0624, 0.3629, 0.3453

Tritanomaly

52.7788, 0.3640, 0.3225

Monochromacy



Original Color

52.9202, 0.3733, 0.3381

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7892, 0.3335, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9202, 0.3733, 0.3381 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(238, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 178, 170)  
}
```

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(238, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 178, 170) }
```

Border

The CSS property to change the border of an element to Yxy 52.9202, 0.3733, 0.3381 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(238, 178, 170) }
```

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

```
.border{ border-color:rgb(238, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 178,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9202, 0.3733, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 178, 170) }
```

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

```
.background{ background-color: rgb(238,  
178, 170) }
```

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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