

Converting Colors

$Yxy(52.8398, 0.3670, 0.3320)$

Have a look what the booklet for
Yxy(52.8398, 0.3670, 0.3320)
contains.

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Color

Yxy(52.7688, 0.3671, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	ECB2AF
RGB	236, 178, 175
RGB Percent	93%, 70%, 69%
CMY	0.0744, 0.3020, 0.3137
CMYK	0.00, 0.25, 0.26, 0.07
HSL	3°, 62%, 81%
HSV	3°, 26%, 93%
XYZ	58.2599, 52.7688, 47.6744
YIQ	195.0000, 35.5310, 11.3630

Conversions

Conversions Part 2

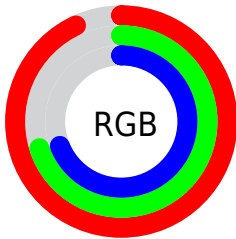
Format	Color
R _Y B	236, 178, 175
Decimal	15512239
CIE Lab	77.74, 20.69, 9.75
CIE LCh	78, 22.868, 25.231
Yxy	52.7688, 0.3671, 0.3325
Android (android.graphics.Color)	4293702319 (0xFFECB2AF)
YUV	195.0000, -9.8600, 35.9570
Hunter-Lab	72.6421, 16.0356, 11.9380

Details

The Yxy color **52.7688, 0.3671, 0.3325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4815, 0.2745, 0.3255**, and the grayscale version is **54.6199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8188, 0.3296, 0.3330**, and **25.6810, 0.3815, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **43.7094, 0.3976, 0.3339**, and if you desaturate by 10%, it is **63.4570, 0.3424, 0.3311**.

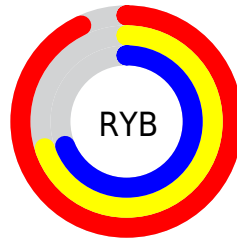
Distribution



Red (93%)

Green (70%)

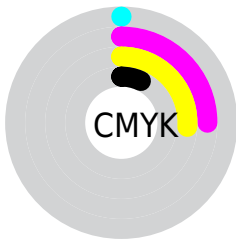
Blue (69%)



Red (93%)

Yellow (70%)

Blue (69%)

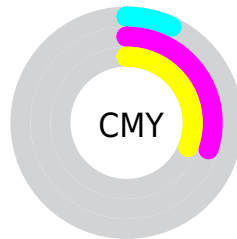


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (30%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7688, 0.3671, 0.3325 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 52.7688, 0.3671, 0.3325 by changing the saturation by 10% instead.


 52.7688, 0.3671,
0.3325

 52.7688, 0.3671,
0.3325


397.3975, 0.3402,
0.3313

 37.6182, 0.3737,
0.3326


 94.2641, 0.3574,
0.3322

 25.6865, 0.3821,
0.3327


121.3776, 0.3538,
0.3320

 16.5893, 0.3932,
0.3327


153.2475, 0.3506,
0.3319

 9.9421, 0.4083,
0.3324

190.2583, 0.3480,
0.3318

 5.3606, 0.4304,
0.3314

232.7942, 0.3457,
0.3316

 2.4603, 0.4653,
0.3285

281.2398, 0.3436,

 0.8567, 0.5609,

0.3315

335.9795, 0.3418,
0.3314

0.3395

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7688, 0.3671,
0.3325

52.7688, 0.3671,
0.3325

43.7094, 0.3976,
0.3339

63.4570, 0.3424,
0.3311

36.1921, 0.4344,
0.3353

75.8408, 0.3225,
0.3297

30.1332, 0.4772,
0.3363

89.9920, 0.3065,
0.3285

25.4380, 0.5239,
0.3367

96.5794, 0.3012,
0.3290

■ 22.0007, 0.5697,
0.3363

■ 19.7002, 0.6077,
0.3348

■ 18.3913, 0.6315,
0.3325

■ 18.0913, 0.6375,
0.3321

Harmonies

Analogous

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



52.7688, 0.3450, 0.3079



52.7688, 0.3671, 0.3325



52.7688, 0.3738, 0.3575

Triad

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



52.7688, 0.3671, 0.3325



52.7688, 0.3086, 0.3745



52.7688, 0.2636, 0.2813

Complementary

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



52.7688, 0.3671, 0.3325



73.4815, 0.2745, 0.3255

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.



52.7688, 0.2552, 0.2962



52.7688, 0.3671, 0.3325



52.7688, 0.2803, 0.3510

Square

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



52.7688, 0.3671, 0.3325



52.7688, 0.3391, 0.3838



52.7688, 0.2611, 0.3216



52.7688, 0.2849, 0.2790

Rectangle

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



52.7688, 0.3671, 0.3325



52.7688, 0.3685, 0.3714



52.7688, 0.2611, 0.3216



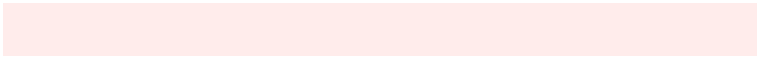
52.7688, 0.2593, 0.2849

Sweetspot

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



52.7713, 0.3671, 0.3325



86.9943, 0.3265, 0.3300



54.4422, 0.3173, 0.2667



18.1294, 0.3293, 0.3302



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.



52.7713, 0.3671, 0.3325



56.9603, 0.3824, 0.3333



65.8304, 0.3590, 0.3648



15.1721, 0.3292, 0.3302



10.0219, 0.6365, 0.3328



0.8287, 0.6268, 0.3405

Inverse Universe

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



73.4815, 0.2745, 0.3255



85.5233, 0.2676, 0.3247



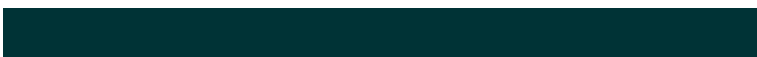
58.1154, 0.2713, 0.2904



16.9883, 0.2981, 0.3278



32.9191, 0.2205, 0.3137



2.6239, 0.2211, 0.3160

Previews

White Background



This preview shows how the Yxy color 52.7688, 0.3671, 0.3325 looks on a white background.

Color Contrast Check

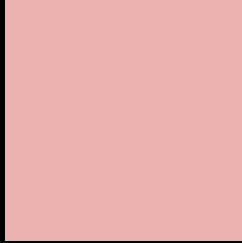
Large Text (above 18pt) WCAG AA × Fail

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 52.7688, 0.3671, 0.3325 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 52.7688, 0.3671, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 52.7688, 0.3671, 0.3325.



This preview shows how white text looks on a background with the Yxy color 52.7688, 0.3671, 0.3325.

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

52.7688, 0.3671, 0.3325

Protanopia

53.0824, 0.3253, 0.3414

Deuteranopia

53.0792, 0.3499, 0.3433



Tritanopia

52.9019, 0.3568, 0.3148

Trichromacy



Original Color

52.7688, 0.3671, 0.3325

Protanomaly

52.7924, 0.3404, 0.3386

Deuteranomaly

52.9305, 0.3568, 0.3395

Tritanomaly

52.9095, 0.3602, 0.3214

Monochromacy



Original Color

52.7688, 0.3671, 0.3325

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7277, 0.3310, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7688, 0.3671, 0.3325 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, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(236, 178, 175)  
}
```

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, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 178, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.7688, 0.3671, 0.3325 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, 178, 175) }
```

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

```
.border{ border-color:rgb(236, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(236, 178,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7688, 0.3671, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 178, 175) }
```

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

```
.background{ background-color: rgb(236,  
178, 175) }
```

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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