

Converting Colors

$Y_{xy}(52.7376, 0.3688, 0.3350)$

Have a look what the booklet for
Yxy(52.7376, 0.3688, 0.3350)
contains.

Yxy(52.6908, 0.3689, 0.3348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.6908, 0.3689, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	ECB2AD
RGB	236, 178, 173
RGB Percent	93%, 70%, 68%
CMY	0.0744, 0.3020, 0.3217
CMYK	0.00, 0.25, 0.27, 0.07
HSL	5°, 62%, 80%
HSV	5°, 27%, 93%
XYZ	58.0575, 52.6908, 46.6317
YIQ	194.7720, 36.1730, 10.7410

Conversions

Conversions Part 2

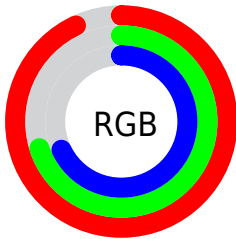
Format	Color
R _Y B	236, 178, 173
Decimal	15512237
CIE Lab	77.69, 20.39, 10.78
CIE LCh	78, 23.069, 27.869
Yxy	52.6908, 0.3689, 0.3348
Android (android.graphics.Color)	4293702317 (0xFFECB2AD)
YUV	194.7720, -10.7336, 36.1570
Hunter-Lab	72.5884, 15.7376, 12.7233

Details

The Yxy color **52.6908, 0.3689, 0.3348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0850, 0.2732, 0.3231**, and the grayscale version is **54.4805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7071, 0.3309, 0.3350**, and **25.6314, 0.3840, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **43.8892, 0.3993, 0.3371**, and if you desaturate by 10%, it is **63.0271, 0.3441, 0.3325**.

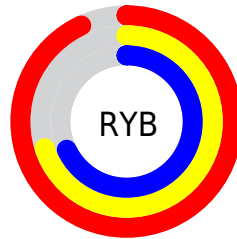
Distribution



Red (93%)

Green (70%)

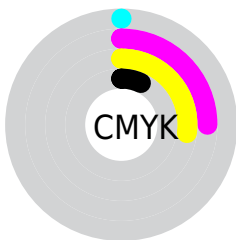
Blue (68%)



Red (93%)

Yellow (70%)

Blue (68%)

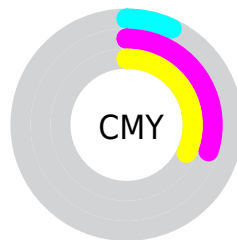


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (7%)



Cyan (7%)


Magenta (30%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6908, 0.3689, 0.3348 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 52.6908, 0.3689, 0.3348 by changing the saturation by 10% instead.


 52.6908, 0.3689,
0.3348

 52.6908, 0.3689,
0.3348


397.0977, 0.3411,
0.3325

 37.5560, 0.3757,
0.3352


 94.1492, 0.3589,
0.3341

 25.6383, 0.3844,
0.3356


121.2416, 0.3551,
0.3338

 16.5532, 0.3958,
0.3359


153.0887, 0.3519,
0.3336

 9.9165, 0.4115,
0.3361

190.0748, 0.3491,
0.3333

 5.3436, 0.4344,
0.3357

232.5844, 0.3467,
0.3331

 2.4502, 0.4703,
0.3336

281.0018, 0.3446,

 0.8516, 0.5771,

0.3329

0.3514

335.7114, 0.3428,
0.3327

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6908, 0.3689,
0.3348

52.6908, 0.3689,
0.3348

43.8892, 0.3993,
0.3371

63.0271, 0.3441,
0.3325

36.5422, 0.4358,
0.3392

74.9585, 0.3240,
0.3304

30.5736, 0.4781,
0.3408

88.5514, 0.3078,
0.3284

25.8972, 0.5239,
0.3414

96.5759, 0.3011,
0.3290

■ 22.4173, 0.5688,
0.3406

■ 20.0248, 0.6062,
0.3382

■ 18.5901, 0.6301,
0.3346

■ 18.2956, 0.6353,
0.3337

Harmonies

Analogous

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



52.6908, 0.3477, 0.3097



52.6908, 0.3689, 0.3348



52.6908, 0.3741, 0.3598

Triad

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



52.6908, 0.3689, 0.3348



52.6908, 0.3058, 0.3734



52.6908, 0.2646, 0.2802

Complementary

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



52.6908, 0.3689, 0.3348



72.0850, 0.2732, 0.3231

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.



52.6908, 0.2548, 0.2941



52.6908, 0.3689, 0.3348



52.6908, 0.2778, 0.3486

Square

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



52.6908, 0.3689, 0.3348



52.6908, 0.3367, 0.3842



52.6908, 0.2595, 0.3189



52.6908, 0.2870, 0.2790

Rectangle

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



52.6908, 0.3689, 0.3348



52.6908, 0.3678, 0.3733



52.6908, 0.2595, 0.3189



52.6908, 0.2598, 0.2834

Sweetspot

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



52.6933, 0.3689, 0.3348



87.3566, 0.3264, 0.3306



53.5287, 0.3192, 0.2666



18.2196, 0.3293, 0.3310



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.



52.6933, 0.3689, 0.3348



56.8976, 0.3846, 0.3361



66.3053, 0.3602, 0.3682



15.2469, 0.3291, 0.3309



10.1558, 0.6340, 0.3348



0.8646, 0.6190, 0.3467

Inverse Universe

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



72.0850, 0.2732, 0.3231



83.5884, 0.2660, 0.3218



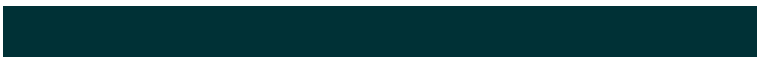
56.3828, 0.2696, 0.2863



16.9043, 0.2981, 0.3271



30.8341, 0.2178, 0.3039



2.4822, 0.2188, 0.3076

Previews

White Background



This preview shows how the Yxy color 52.6908, 0.3689, 0.3348 looks on a white background.

Color Contrast Check

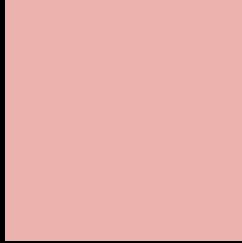
Large Text (above 18pt) WCAG AA × Fail

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 52.6908, 0.3689, 0.3348 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 52.6908, 0.3689, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 52.6908, 0.3689, 0.3348.



This preview shows how white text looks on a background with the Yxy color 52.6908, 0.3689, 0.3348.

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

52.6908, 0.3689, 0.3348

Protanopia

53.1367, 0.3277, 0.3438

Deuteranopia

52.5819, 0.3519, 0.3445



Tritanopia

52.9019, 0.3568, 0.3148

Trichromacy



Original Color

52.6908, 0.3689, 0.3348

Protanomaly

52.7120, 0.3420, 0.3411

Deuteranomaly

52.4420, 0.3588, 0.3407

Tritanomaly

52.8677, 0.3611, 0.3225

Monochromacy



Original Color

52.6908, 0.3689, 0.3348

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6847, 0.3318, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6908, 0.3689, 0.3348 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(236, 178, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 178, 173) }
```

Border

The CSS property to change the border of an element to Yxy 52.6908, 0.3689, 0.3348 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, 173) }
```

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

```
.border{ border-color:rgb(236, 178, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(236, 178,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6908, 0.3689, 0.3348 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, 173) }
```

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

```
.background{ background-color: rgb(236,  
178, 173) }
```

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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