

Converting Colors

$Yxy(52.8168, 0.3638, 0.3477)$

Have a look what the booklet for
Yxy(52.8168, 0.3638, 0.3477)
contains.

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Color

Yxy(52.8257, 0.3638, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	E2B7A7
RGB	226, 183, 167
RGB Percent	89%, 72%, 65%
CMY	0.1137, 0.2823, 0.3452
CMYK	0.00, 0.19, 0.26, 0.11
HSL	16°, 50%, 77%
HSV	16°, 26%, 89%
XYZ	55.2718, 52.8257, 43.8315
YIQ	194.0330, 30.7640, 4.1400

Conversions

Conversions Part 2

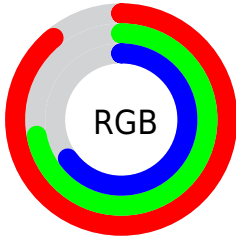
Format	Color
RYB	226, 189, 167
Decimal	14858151
CIELab	77.77, 13.15, 14.00
CIElCh	78, 19.210, 46.792
Yxy	52.8257, 0.3638, 0.3477
Android (android.graphics.Color)	4293048231 (0xFFE2B7A7)
YUV	194.0330, -13.3273, 28.0351
Hunter-Lab	72.6813, 8.5512, 15.1212

Details

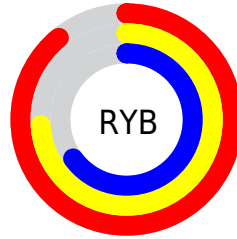
The Yxy color $52.8257, 0.3638, 0.3477$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $59.7862, 0.2728, 0.3094$, and the grayscale version is $54.0367, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2669, 0.3342, 0.3459$, and $25.7491, 0.3781, 0.3521$ is the 20% darker color. If you saturate the color by 10%, you get $45.6647, 0.3903, 0.3553$, and if you desaturate by 10%, it is $60.9321, 0.3414, 0.3402$.

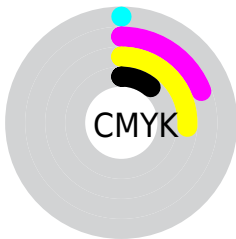
Distribution



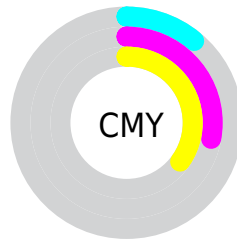
- Red (89%)
- Green (72%)
- Blue (65%)



- Red (89%)
- Yellow (74%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (11%)




- Cyan (11%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8257, 0.3638, 0.3477 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 52.8257, 0.3638, 0.3477 by changing the saturation by 10% instead.

 52.8257, 0.3638,
0.3477


 52.8257, 0.3638,
0.3477


397.6160, 0.3386,
0.3391

 37.6636, 0.3700,
0.3496


 94.3478, 0.3547,
0.3447

 25.7217, 0.3778,
0.3520


 121.4767, 0.3513,
0.3436

 16.6156, 0.3882,
0.3550


153.3633, 0.3484,
0.3425

 9.9608, 0.4023,
0.3587

190.3920, 0.3459,
0.3417

 5.3730, 0.4228,
0.3634

232.9473, 0.3437,
0.3409

 2.4677, 0.4548,
0.3691

281.4134, 0.3418,

 0.8604, 0.5773,

0.3402

0.4227

336.1749, 0.3401,
0.3396

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8257, 0.3638,
0.3477

52.8257, 0.3638,
0.3477

45.6647, 0.3903,
0.3553

60.9321, 0.3414,
0.3402

39.4069, 0.4211,
0.3624

70.0096, 0.3227,
0.3331

34.0176, 0.4560,
0.3685

80.0919, 0.3069,
0.3265

29.4572, 0.4939,
0.3724

91.0548, 0.2951,
0.3228

■ 25.6824, 0.5324,
0.3730

■ 94.9094, 0.2952,
0.3289

■ 22.6458, 0.5677,
0.3694

■ 20.2940, 0.5958,
0.3613

■ 19.5463, 0.6050,
0.3578

Harmonies

Analogous

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



52.8257, 0.3542, 0.3261



52.8257, 0.3638, 0.3477



52.8257, 0.3590, 0.3657

Triad

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



52.8257, 0.3638, 0.3477



52.8257, 0.2917, 0.3537



52.8257, 0.2834, 0.2862

Complementary

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



52.8257, 0.3638, 0.3477



59.7862, 0.2728, 0.3094

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.



52.8257, 0.2680, 0.2914



52.8257, 0.3638, 0.3477



52.8257, 0.2727, 0.3299

Square

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



52.8257, 0.3638, 0.3477



52.8257, 0.3168, 0.3705



52.8257, 0.2642, 0.3070



52.8257, 0.3070, 0.2916

Rectangle

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



52.8257, 0.3638, 0.3477



52.8257, 0.3485, 0.3729



52.8257, 0.2642, 0.3070



52.8257, 0.2771, 0.2867

Sweetspot

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



52.8281, 0.3638, 0.3477



89.6373, 0.3260, 0.3345



48.4654, 0.3289, 0.2804



18.7894, 0.3288, 0.3355



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.



52.8281, 0.3638, 0.3477



64.5137, 0.3767, 0.3516



66.1615, 0.3557, 0.3799



14.3031, 0.3285, 0.3354



11.3199, 0.6023, 0.3600



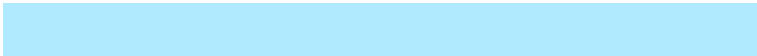
0.9312, 0.5718, 0.3842

Inverse Universe

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



59.7862, 0.2728, 0.3094



75.0257, 0.2653, 0.3051



46.6511, 0.2693, 0.2723



14.9099, 0.2982, 0.3225



18.6164, 0.1996, 0.2386



1.4366, 0.2040, 0.2542

Previews

White Background



This preview shows how the Yxy color 52.8257, 0.3638, 0.3477 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 52.8257, 0.3638, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

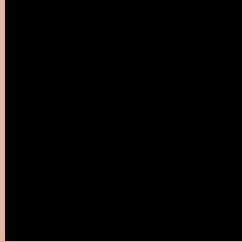
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8257, 0.3638, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 52.8257, 0.3638, 0.3477.



This preview shows how white text looks on a background with the Yxy color 52.8257, 0.3638, 0.3477.

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

52.8257, 0.3638, 0.3477

Protanopia

53.0953, 0.3357, 0.3537

Deuteranopia

52.7036, 0.3579, 0.3503



Tritanopia

52.7485, 0.3448, 0.3133

Trichromacy



Original Color

52.8257, 0.3638, 0.3477

Protanomaly

52.9991, 0.3456, 0.3520

Deuteranomaly

52.6006, 0.3599, 0.3491

Tritanomaly

52.5972, 0.3515, 0.3245

Monochromacy



Original Color

52.8257, 0.3638, 0.3477

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4094, 0.3307, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8257, 0.3638, 0.3477 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(226, 183, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 167)  
}
```

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(226, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 167) }
```

Border

The CSS property to change the border of an element to Yxy 52.8257, 0.3638, 0.3477 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(226, 183, 167) }
```

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

```
.border{ border-color:rgb(226, 183, 167) }
```

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

Here you see how a box with a 4 pixel rgb(226, 183, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 167);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8257, 0.3638, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 167) }
```

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

```
.background{ background-color: rgb(226,  
183, 167) }
```

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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