

Converting Colors

Yxy(50.9443, 0.3757, 0.3350)

Have a look what the booklet for
Yxy(50.9443, 0.3757, 0.3350)
contains.

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Color

Yxy(50.7188, 0.3758, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	EDADA8
RGB	237, 173, 168
RGB Percent	93%, 68%, 66%
CMY	0.0707, 0.3215, 0.3411
CMYK	0.00, 0.27, 0.29, 0.07
HSL	4°, 66%, 79%
HSV	4°, 29%, 93%
XYZ	56.9299, 50.7188, 43.8412
YIQ	191.5660, 39.7490, 12.0130

Conversions

Conversions Part 2

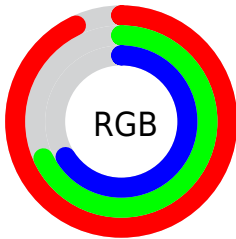
Format	Color
R _Y B	237, 173, 168
Decimal	15576488
CIE Lab	76.51, 22.73, 11.81
CIE LCh	77, 25.617, 27.458
Yxy	50.7188, 0.3758, 0.3348
Android (android.graphics.Color)	4293766568 (0xFFEDADA8)
YUV	191.5660, -11.6180, 39.8456
Hunter-Lab	71.2171, 18.0602, 13.3532

Details

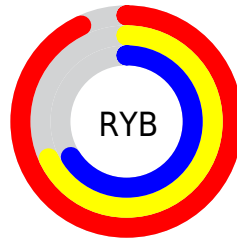
The Yxy color **50.7188, 0.3758, 0.3348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.1327, 0.2700, 0.3231**, and the grayscale version is **52.4989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6263, 0.3349, 0.3350**, and **24.3972, 0.3941, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **42.1691, 0.4078, 0.3369**, and if you desaturate by 10%, it is **60.8205, 0.3496, 0.3327**.

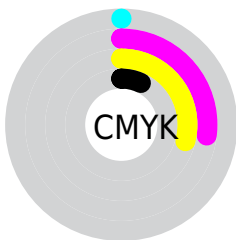
Distribution



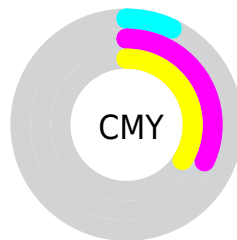
- Red (93%)
- Green (68%)
- Blue (66%)



- Red (93%)
- Yellow (68%)
- Blue (66%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7188, 0.3758, 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 50.7188, 0.3758, 0.3348 by changing the saturation by 10% instead.


 50.7188, 0.3758,
0.3348

 50.7188, 0.3758,
0.3348


389.4703, 0.3444,
0.3327

 35.9849, 0.3836,
0.3351


 91.2390, 0.3644,
0.3342

 24.4225, 0.3935,
0.3354


117.7940, 0.3602,
0.3339

 15.6473, 0.4066,
0.3355


149.0582, 0.3565,
0.3337

 9.2749, 0.4247,
0.3353

185.4159, 0.3534,
0.3334

 4.9210, 0.4511,
0.3342

227.2516, 0.3507,
0.3332

 2.2010, 0.4929,
0.3303

274.9496, 0.3483,

 0.7205, 0.6444,

0.3330

0.3556

328.8944, 0.3463,
0.3328

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7188, 0.3758,
0.3348

50.7188, 0.3758,
0.3348

42.1691, 0.4078,
0.3369

60.8205, 0.3496,
0.3327

35.0879, 0.4460,
0.3387

72.5383, 0.3284,
0.3307

29.3945, 0.4896,
0.3400

85.9412, 0.3113,
0.3288

24.9976, 0.5360,
0.3402

96.7393, 0.3017,
0.3290

■ 21.7953, 0.5798,
0.3391

■ 19.6698, 0.6143,
0.3366

■ 18.4758, 0.6346,
0.3334

■ 18.4064, 0.6359,
0.3333

Harmonies

Analogous

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



50.7188, 0.3516, 0.3070



50.7188, 0.3758, 0.3348



50.7188, 0.3818, 0.3628

Triad

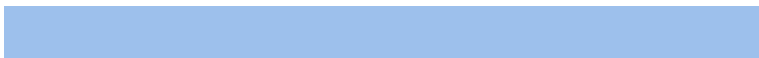
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.7188, 0.3758, 0.3348



50.7188, 0.3053, 0.3796



50.7188, 0.2586, 0.2744

Complementary

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



50.7188, 0.3758, 0.3348



72.1327, 0.2700, 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.



50.7188, 0.2480, 0.2899



50.7188, 0.3758, 0.3348



50.7188, 0.2738, 0.3515

Square

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



50.7188, 0.3758, 0.3348



50.7188, 0.3399, 0.3914



50.7188, 0.2533, 0.3179



50.7188, 0.2834, 0.2731

Rectangle

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



50.7188, 0.3758, 0.3348



50.7188, 0.3748, 0.3783



50.7188, 0.2533, 0.3179



50.7188, 0.2534, 0.2780

Sweetspot

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



50.7212, 0.3758, 0.3348



85.7728, 0.3283, 0.3307



51.8571, 0.3198, 0.2610



17.8996, 0.3311, 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.



50.7212, 0.3758, 0.3348



53.5956, 0.3944, 0.3361



65.4957, 0.3652, 0.3719



15.2295, 0.3291, 0.3308



10.1212, 0.6346, 0.3343



0.8562, 0.6208, 0.3453

Inverse Universe

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



72.1327, 0.2700, 0.3231



82.7567, 0.2622, 0.3217



54.7791, 0.2655, 0.2819



16.9238, 0.2981, 0.3272



31.3105, 0.2184, 0.3062



2.5147, 0.2193, 0.3096

Previews

White Background



This preview shows how the Yxy color 50.7188, 0.3758, 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 50.7188, 0.3758, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

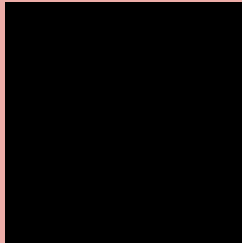
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7188, 0.3758, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 50.7188, 0.3758, 0.3348.



This preview shows how white text looks on a background with the Yxy color 50.7188, 0.3758, 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

50.7188, 0.3758, 0.3348

Protanopia

50.8368, 0.3288, 0.3441

Deuteranopia

50.8080, 0.3560, 0.3483



Tritanopia

50.9372, 0.3634, 0.3148

Trichromacy



Original Color

50.7188, 0.3758, 0.3348

Protanomaly

50.7330, 0.3453, 0.3412

Deuteranomaly

50.8775, 0.3631, 0.3432

Tritanomaly

50.8965, 0.3678, 0.3225

Monochromacy



Original Color

50.7188, 0.3758, 0.3348

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.5267, 0.3339, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7188, 0.3758, 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(237, 173, 168)` looks like.

```
.text, #text, p{  
    color:rgb(237, 173, 168)  
}
```

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(237, 173, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 173, 168) }
```

Border

The CSS property to change the border of an element to Yxy 50.7188, 0.3758, 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(237, 173, 168) }
```

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

```
.border{ border-color:rgb(237, 173, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 173, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(237, 173,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7188, 0.3758, 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(237, 173, 168) }
```

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

```
.background{ background-color: rgb(237,  
173, 168) }
```

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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