

Converting Colors

$Yxy(62.3888, 0.3499, 0.3435)$

Have a look what the booklet for
Yxy(62.3888, 0.3499, 0.3435)
contains.

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Color

Yxy(62.3888, 0.3499, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	EAC8BB
RGB	234, 200, 187
RGB Percent	92%, 78%, 73%
CMY	0.0824, 0.2156, 0.2668
CMYK	0.00, 0.15, 0.20, 0.08
HSL	17°, 53%, 83%
HSV	17°, 20%, 92%
XYZ	63.5512, 62.3888, 55.6868
YIQ	208.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

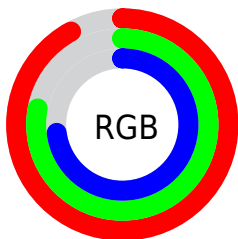
Format	Color
R _Y B	234, 205, 187
Decimal	15386811
CIE Lab	83.12, 9.98, 10.95
CIE LCh	83, 14.818, 47.671
Yxy	62.3888, 0.3499, 0.3435
Android (android.graphics.Color)	4293576891 (0xFFEAC8BB)
YUV	208.6840, -10.6902, 22.2021
Hunter-Lab	78.9866, 5.3914, 13.4902

Details

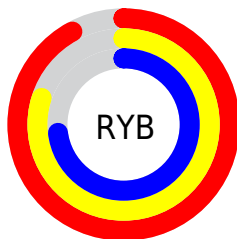
The Yxy color **62.3888, 0.3499, 0.3435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1875, 0.2817, 0.3140**, and the grayscale version is **63.6029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **31.7440, 0.3595, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **54.0653, 0.3738, 0.3512**, and if you desaturate by 10%, it is **71.7475, 0.3297, 0.3361**.

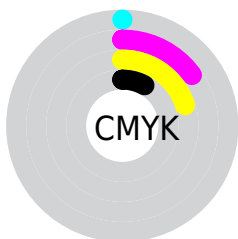
Distribution



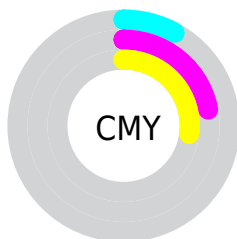
- Red (92%)
- Green (78%)
- Blue (73%)



- Red (92%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3888, 0.3499, 0.3435 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 62.3888, 0.3499, 0.3435 by changing the saturation by 10% instead.

 62.3888, 0.3499,
0.3435

 62.3888, 0.3499,
0.3435


433.3479, 0.3321,
0.3369

 45.3469, 0.3541,
0.3450


 108.2873, 0.3436,
0.3412

 31.7308, 0.3594,
0.3468

137.9126, 0.3412,
0.3403

 21.1559, 0.3663,
0.3491


172.5013, 0.3391,
0.3396

 13.2380, 0.3755,
0.3520

212.4377, 0.3373,
0.3389

 7.5927, 0.3884,
0.3559

258.1061, 0.3358,
0.3383

 3.8354, 0.4078,
0.3611

309.8910, 0.3344,

 1.5819, 0.4410,

0.3378

0.3688

368.1768, 0.3332,
0.3373

0.3454, 0.6235,
0.3765

0.0000, 0.0000,
0.0000

62.3888, 0.3499,
0.3435

62.3888, 0.3499,
0.3435

54.0653, 0.3738,
0.3512

71.7475, 0.3297,
0.3361

46.7326, 0.4020,
0.3589

82.1670, 0.3129,
0.3291

40.3553, 0.4345,
0.3659

93.5425, 0.2999,
0.3247

34.8928, 0.4707,
0.3713

96.2316, 0.2999,
0.3290

■ 30.3013, 0.5090,
0.3742

■ 26.5332, 0.5464,
0.3732

■ 23.5357, 0.5791,
0.3676

■ 21.2612, 0.6040,
0.3586

Harmonies

Analogous

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



62.3888, 0.3432, 0.3276



62.3888, 0.3499, 0.3435



62.3888, 0.3462, 0.3563

Triad

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



62.3888, 0.3499, 0.3435



62.3888, 0.2969, 0.3464



62.3888, 0.2917, 0.2974

Complementary

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



62.3888, 0.3499, 0.3435



68.1875, 0.2817, 0.3140

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.



62.3888, 0.2800, 0.3013



62.3888, 0.3499, 0.3435



62.3888, 0.2830, 0.3293

Square

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



62.3888, 0.3499, 0.3435



62.3888, 0.3153, 0.3586



62.3888, 0.2769, 0.3128



62.3888, 0.3092, 0.3015

Rectangle

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



62.3888, 0.3499, 0.3435



62.3888, 0.3385, 0.3612



62.3888, 0.2769, 0.3128



62.3888, 0.2870, 0.2978

Sweetspot

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



62.3916, 0.3499, 0.3435



92.2010, 0.3225, 0.3332



58.2627, 0.3246, 0.2919



19.5593, 0.3236, 0.3336



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.



62.3916, 0.3499, 0.3435



71.6230, 0.3590, 0.3466



73.8649, 0.3451, 0.3679



15.7341, 0.3286, 0.3356



12.1297, 0.6013, 0.3608



1.1094, 0.5741, 0.3823

Inverse Universe

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



68.1875, 0.2817, 0.3140



79.8263, 0.2757, 0.3107



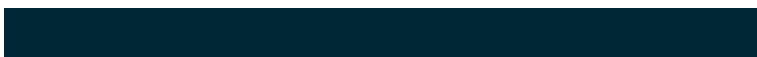
56.8614, 0.2800, 0.2868



16.3744, 0.2981, 0.3223



19.5256, 0.1990, 0.2364



1.6933, 0.2030, 0.2507

Previews

White Background



This preview shows how the Yxy color 62.3888, 0.3499, 0.3435 looks on a white background.

Color Contrast Check

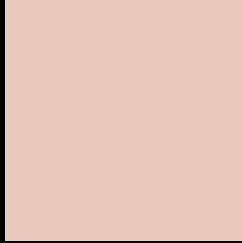
Large Text (above 18pt) WCAG AA × Fail

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 62.3888, 0.3499, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

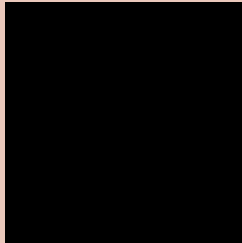
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3888, 0.3499, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 62.3888, 0.3499, 0.3435.



This preview shows how white text looks on a background with the Yxy color 62.3888, 0.3499, 0.3435.

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

62.3888, 0.3499, 0.3435

Protanopia

62.3074, 0.3312, 0.3475

Deuteranopia

62.5586, 0.3507, 0.3434



Tritanopia

62.2378, 0.3334, 0.3118

Trichromacy



Original Color

62.3888, 0.3499, 0.3435

Protanomaly

62.3894, 0.3378, 0.3461

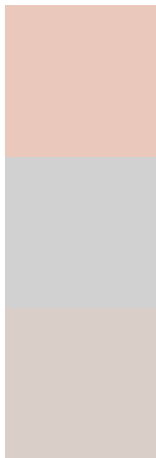
Deuteranomaly

62.5586, 0.3507, 0.3434

Tritanomaly

62.0772, 0.3395, 0.3226

Monochromacy



Original Color

62.3888, 0.3499, 0.3435

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2651, 0.3255, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3888, 0.3499, 0.3435 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(234, 200, 187)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 187)  
}
```

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(234, 200, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 187) }
```

Border

The CSS property to change the border of an element to Yxy 62.3888, 0.3499, 0.3435 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(234, 200, 187) }
```

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

```
.border{ border-color:rgb(234, 200, 187) }
```

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

Here you see how a box with a 4 pixel rgb(234, 200, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 187);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3888, 0.3499, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 187) }
```

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

```
.background{ background-color: rgb(234,  
200, 187) }
```

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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