

Converting Colors

Yxy(62.6016, 0.3499, 0.3423)

Have a look what the booklet for
Yxy(62.6016, 0.3499, 0.3423)
contains.

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Color

Yxy(62.6016, 0.3499, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	EBC8BC
RGB	235, 200, 188
RGB Percent	92%, 78%, 74%
CMY	0.0785, 0.2157, 0.2627
CMYK	0.00, 0.15, 0.20, 0.08
HSL	15°, 54%, 83%
HSV	15°, 20%, 92%
XYZ	63.9915, 62.6016, 56.2921
YIQ	209.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

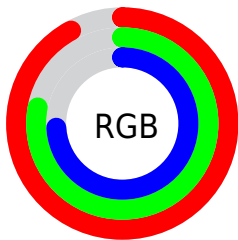
Format	Color
R _Y B	235, 204, 188
Decimal	15452348
CIE Lab	83.23, 10.50, 10.57
CIE LCh	83, 14.900, 45.193
Yxy	62.6016, 0.3499, 0.3423
Android (android.graphics.Color)	4293642428 (0xFFEBC8BC)
YUV	209.0970, -10.4008, 22.7169
Hunter-Lab	79.1212, 5.9050, 13.2020

Details

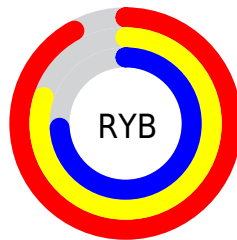
The Yxy color **62.6016, 0.3499, 0.3423** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4639, 0.2820, 0.3153**, and the grayscale version is **63.8858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **31.8907, 0.3595, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **54.0246, 0.3741, 0.3494**, and if you desaturate by 10%, it is **72.2770, 0.3296, 0.3354**.

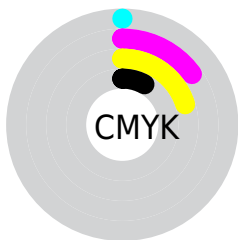
Distribution



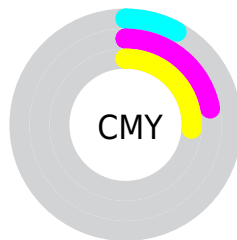
- Red (92%)
- Green (78%)
- Blue (74%)



- Red (92%)
- Yellow (80%)
- Blue (74%)



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





- Cyan (8%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6016, 0.3499, 0.3423 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 62.6016, 0.3499, 0.3423 by changing the saturation by 10% instead.

 62.6016, 0.3499,
0.3423

 62.6016, 0.3499,
0.3423


434.1222, 0.3321,
0.3362

 45.5190, 0.3541,
0.3437


 108.5945, 0.3436,
0.3402

 31.8664, 0.3594,
0.3453


138.2737, 0.3412,
0.3394

 21.2595, 0.3663,
0.3474


172.9204, 0.3391,
0.3387

 13.3138, 0.3754,
0.3500

212.9191, 0.3373,
0.3381

 7.6450, 0.3883,
0.3535

258.6543, 0.3358,
0.3375

 3.8686, 0.4078,
0.3581

310.5102, 0.3344,

 1.6004, 0.4405,

0.3371

0.3645

368.8714, 0.3332,
0.3366

0.3578, 0.6250,
0.3750

0.0000, 0.0000,
0.0000

62.6016, 0.3499,
0.3423

62.6016, 0.3499,
0.3423

54.0246, 0.3741,
0.3494

72.2770, 0.3296,
0.3354

46.4985, 0.4027,
0.3565

83.0793, 0.3127,
0.3290

39.9844, 0.4358,
0.3629

94.8187, 0.3005,
0.3265

34.4382, 0.4729,
0.3679

96.4012, 0.3005,
0.3290

■ 29.8120, 0.5122,
0.3703

■ 26.0537, 0.5506,
0.3691

■ 23.1055, 0.5839,
0.3635

■ 20.8948, 0.6090,
0.3547

■ 20.8937, 0.6090,
0.3547

Harmonies

Analogous

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



62.6016, 0.3424, 0.3262



62.6016, 0.3499, 0.3423



62.6016, 0.3471, 0.3556

Triad

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



62.6016, 0.3499, 0.3423



62.6016, 0.2983, 0.3478



62.6016, 0.2904, 0.2973

Complementary

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



62.6016, 0.3499, 0.3423



69.4639, 0.2820, 0.3153

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.



62.6016, 0.2793, 0.3018



62.6016, 0.3499, 0.3423



62.6016, 0.2838, 0.3308

Square

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



62.6016, 0.3499, 0.3423



62.6016, 0.3169, 0.3594



62.6016, 0.2769, 0.3139



62.6016, 0.3076, 0.3008

Rectangle

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



62.6016, 0.3499, 0.3423



62.6016, 0.3398, 0.3609



62.6016, 0.2769, 0.3139



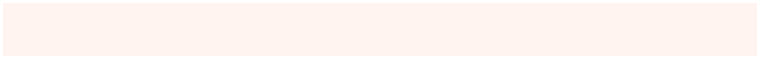
62.6016, 0.2858, 0.2979

Sweetspot

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



62.6044, 0.3499, 0.3423



91.9985, 0.3225, 0.3328



58.9728, 0.3240, 0.2912



19.5115, 0.3237, 0.3333



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.



62.6044, 0.3499, 0.3423



70.9572, 0.3593, 0.3452



74.2006, 0.3451, 0.3669



15.6792, 0.3286, 0.3351



11.8020, 0.6063, 0.3568



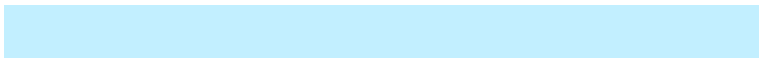
1.0773, 0.5793, 0.3782

Inverse Universe

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



69.4639, 0.2820, 0.3153



80.6141, 0.2758, 0.3122



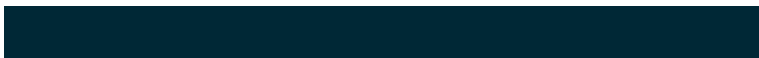
57.8859, 0.2802, 0.2880



16.4328, 0.2981, 0.3228



20.6154, 0.2012, 0.2442



1.7714, 0.2048, 0.2573

Previews

White Background



This preview shows how the Yxy color 62.6016, 0.3499, 0.3423 looks on a white background.

Color Contrast Check

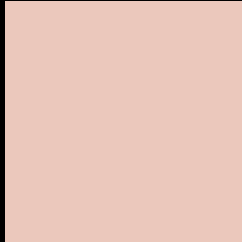
Large Text (above 18pt) WCAG AA × Fail

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 62.6016, 0.3499, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

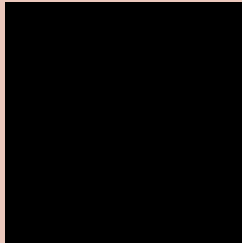
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6016, 0.3499, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 62.6016, 0.3499, 0.3423.



This preview shows how white text looks on a background with the Yxy color 62.6016, 0.3499, 0.3423.

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

62.6016, 0.3499, 0.3423

Protanopia

62.8785, 0.3296, 0.3463

Deuteranopia

62.6016, 0.3499, 0.3423



Tritanopia

62.4105, 0.3342, 0.3119

Trichromacy



Original Color

62.6016, 0.3499, 0.3423

Protanomaly

62.4769, 0.3363, 0.3438

Deuteranomaly

62.6016, 0.3499, 0.3423

Tritanomaly

62.2488, 0.3403, 0.3226

Monochromacy



Original Color

62.6016, 0.3499, 0.3423

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 62.6016, 0.3499, 0.3423 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(235, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 200, 188)  
}
```

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(235, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 62.6016, 0.3499, 0.3423 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(235, 200, 188) }
```

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

```
.border{ border-color:rgb(235, 200, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 200,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6016, 0.3499, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 200, 188) }
```

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

```
.background{ background-color: rgb(235,  
200, 188) }
```

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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