

Converting Colors

$Yxy(62.5348, 0.3466, 0.3384)$

Have a look what the booklet for
Yxy(62.5348, 0.3466, 0.3384)
contains.

Yxy(62.5626, 0.3467, 0.3390)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.5626, 0.3467, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	EAC8BF
RGB	234, 200, 191
RGB Percent	92%, 78%, 75%
CMY	0.0825, 0.2156, 0.2509
CMYK	0.00, 0.15, 0.18, 0.08
HSL	13°, 51%, 83%
HSV	13°, 18%, 92%
XYZ	63.9836, 62.5626, 58.0042
YIQ	209.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

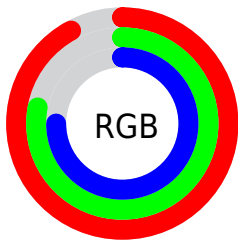
Format	Color
RYB	234, 202, 191
Decimal	15386815
CIELab	83.21, 10.57, 8.92
CIELCh	83, 13.835, 40.173
Yxy	62.5626, 0.3467, 0.3390
Android (android.graphics.Color)	4293576895 (0xFFEAC8BF)
YUV	209.1400, -8.9430, 21.8022
Hunter-Lab	79.0965, 5.9753, 11.8882

Details

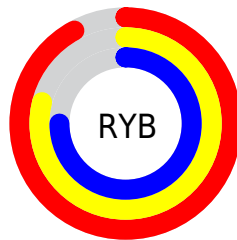
The Yxy color **62.5626, 0.3467, 0.3390** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8529, 0.2846, 0.3188**, and the grayscale version is **63.9053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **31.8577, 0.3553, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **53.5597, 0.3708, 0.3449**, and if you desaturate by 10%, it is **72.7721, 0.3267, 0.3334**.

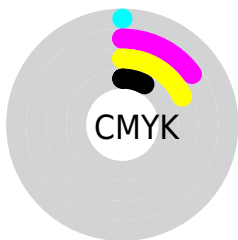
Distribution



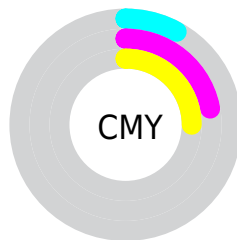
- Red (92%)
- Green (78%)
- Blue (75%)



- Red (92%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (8%)





- Cyan (8%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5626, 0.3467, 0.3390 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 62.5626, 0.3467, 0.3390 by changing the saturation by 10% instead.


 62.5626, 0.3467,
0.3390

 62.5626, 0.3467,
0.3390


433.9803, 0.3304,
0.3345

 45.4874, 0.3506,
0.3400


 108.5382, 0.3409,
0.3374

 31.8415, 0.3554,
0.3412


138.2075, 0.3387,
0.3368

 21.2405, 0.3617,
0.3428


172.8436, 0.3368,
0.3363

 13.2999, 0.3701,
0.3447

212.8309, 0.3352,
0.3359

 7.6354, 0.3819,
0.3472

258.5539, 0.3338,
0.3354

 3.8625, 0.3998,
0.3506

310.3968, 0.3325,

 1.5970, 0.4297,

0.3351

0.3550

368.7442, 0.3314,
0.3348

0.3556, 0.6263,
0.3737

0.0000, 0.0000,
0.0000

62.5626, 0.3467,
0.3390

62.5626, 0.3467,
0.3390

53.5597, 0.3708,
0.3449

72.7721, 0.3267,
0.3334

45.7105, 0.3995,
0.3507

84.2221, 0.3102,
0.3282

38.9702, 0.4332,
0.3561

96.2270, 0.2999,
0.3290

33.2881, 0.4715,
0.3603

■ 28.6094, 0.5126,
0.3623

■ 24.8743, 0.5532,
0.3613

■ 22.0160, 0.5886,
0.3565

■ 19.9557, 0.6145,
0.3487

■ 19.6844, 0.6181,
0.3474

Harmonies

Analogous

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



62.5626, 0.3383, 0.3239



62.5626, 0.3467, 0.3390



62.5626, 0.3457, 0.3520

Triad

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



62.5626, 0.3467, 0.3390



62.5626, 0.3021, 0.3487



62.5626, 0.2897, 0.2997

Complementary

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



62.5626, 0.3467, 0.3390



70.8529, 0.2846, 0.3188

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.



62.5626, 0.2807, 0.3052



62.5626, 0.3467, 0.3390



62.5626, 0.2876, 0.3335

Square

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



62.5626, 0.3467, 0.3390



62.5626, 0.3196, 0.3582



62.5626, 0.2799, 0.3175



62.5626, 0.3051, 0.3017

Rectangle

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



62.5626, 0.3467, 0.3390



62.5626, 0.3399, 0.3577



62.5626, 0.2799, 0.3175



62.5626, 0.2859, 0.3007

Sweetspot

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



62.5654, 0.3467, 0.3390



91.5777, 0.3226, 0.3321



60.2142, 0.3213, 0.2922



19.4123, 0.3237, 0.3325



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.



62.5654, 0.3467, 0.3390



71.7942, 0.3552, 0.3412



73.0066, 0.3427, 0.3615



15.5652, 0.3288, 0.3340



11.2112, 0.6157, 0.3493



1.0162, 0.5896, 0.3700

Inverse Universe

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



70.8529, 0.2846, 0.3188



83.5988, 0.2790, 0.3165



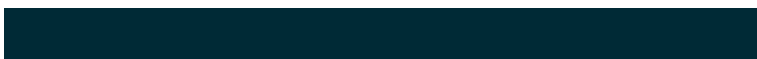
60.1578, 0.2832, 0.2943



16.5550, 0.2981, 0.3239



23.0211, 0.2057, 0.2603



1.9418, 0.2086, 0.2709

Previews

White Background



This preview shows how the Yxy color 62.5626, 0.3467, 0.3390 looks on a white background.

Color Contrast Check

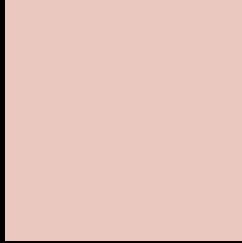
Large Text (above 18pt) WCAG AA × Fail

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 62.5626, 0.3467, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

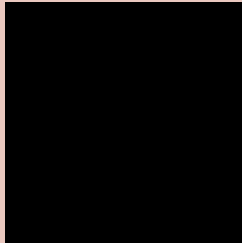
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5626, 0.3467, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 62.5626, 0.3467, 0.3390.

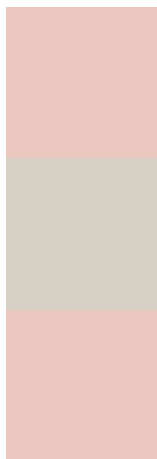


This preview shows how white text looks on a background with the Yxy color 62.5626, 0.3467, 0.3390.

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

62.5626, 0.3467, 0.3390

Protanopia

62.8619, 0.3266, 0.3428

Deuteranopia

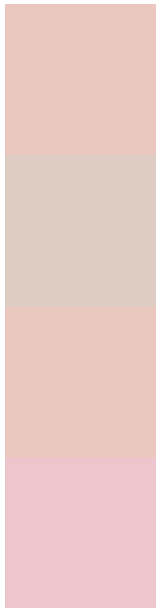
62.5626, 0.3467, 0.3390



Tritanopia

62.6905, 0.3333, 0.3129

Trichromacy



Original Color

62.5626, 0.3467, 0.3390

Protanomaly

62.4529, 0.3333, 0.3404

Deuteranomaly

62.5626, 0.3467, 0.3390

Tritanomaly

62.5807, 0.3386, 0.3226

Monochromacy



Original Color

62.5626, 0.3467, 0.3390

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3123, 0.3248, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5626, 0.3467, 0.3390 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 191) }
```

Border

The CSS property to change the border of an element to Yxy 62.5626, 0.3467, 0.3390 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, 191) }
```

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

```
.border{ border-color:rgb(234, 200, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 191);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5626, 0.3467, 0.3390 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, 191) }
```

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

```
.background{ background-color: rgb(234,  
200, 191) }
```

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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