

Converting Colors

Yxy(62.1450, 0.3462, 0.3368)

Have a look what the booklet for
Yxy(62.1450, 0.3462, 0.3368)
contains.

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Color

Yxy(62.1450, 0.3462, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	EAC7C0
RGB	234, 199, 192
RGB Percent	92%, 78%, 75%
CMY	0.0822, 0.2196, 0.2471
CMYK	0.00, 0.15, 0.18, 0.08
HSL	10°, 50%, 84%
HSV	10°, 18%, 92%
XYZ	63.8795, 62.1450, 58.4916
YIQ	208.6670, 23.1070, 5.2430

Conversions

Conversions Part 2

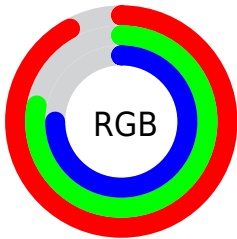
Format	Color
RYB	234, 200, 192
Decimal	15386560
CIELab	82.99, 11.29, 8.09
CIElCh	83, 13.887, 35.633
Yxy	62.1450, 0.3462, 0.3368
Android (android.graphics.Color)	4293576640 (0xFFEAC7C0)
YUV	208.6670, -8.2168, 22.2170
Hunter-Lab	78.8321, 6.6865, 11.1907

Details

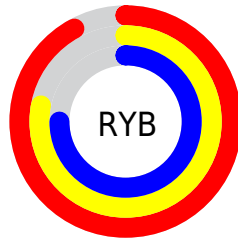
The Yxy color **62.1450, 0.3462, 0.3368** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1119, 0.2853, 0.3211**, and the grayscale version is **63.5793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **31.5799, 0.3545, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **52.7825, 0.3706, 0.3415**, and if you desaturate by 10%, it is **72.8290, 0.3261, 0.3323**.

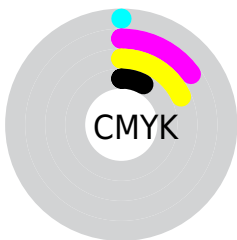
Distribution



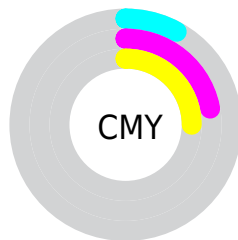
- Red (92%)
- Green (78%)
- Blue (75%)



- Red (92%)
- Yellow (78%)
- 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 62.1450, 0.3462, 0.3368 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 62.1450, 0.3462, 0.3368 by changing the saturation by 10% instead.


 62.1450, 0.3462,
0.3368

 62.1450, 0.3462,
0.3368


432.4598, 0.3301,
0.3333

 45.1499, 0.3500,
0.3376


 107.9351, 0.3405,
0.3356

 31.5755, 0.3548,
0.3385


137.4988, 0.3383,
0.3351

 21.0375, 0.3610,
0.3396


172.0209, 0.3365,
0.3347

 13.1514, 0.3693,
0.3411

211.8856, 0.3349,
0.3344

 7.5329, 0.3810,
0.3429

257.4775, 0.3335,
0.3341

 3.7975, 0.3988,
0.3453

309.1809, 0.3322,

 1.5610, 0.4288,

0.3338

0.3481

367.3802, 0.3311,
0.3335

0.3311, 0.6406,
0.3594

0.0000, 0.0000,
0.0000

62.1450, 0.3462,
0.3368

62.1450, 0.3462,
0.3368

52.7825, 0.3706,
0.3415

72.8290, 0.3261,
0.3323

44.6818, 0.4000,
0.3461

84.8745, 0.3096,
0.3282

37.7913, 0.4348,
0.3504

96.2401, 0.3000,
0.3290

32.0523, 0.4745,
0.3537

■ 27.4014, 0.5173,
0.3552

■ 23.7688, 0.5595,
0.3540

■ 21.0763, 0.5958,
0.3497

■ 19.2321, 0.6212,
0.3430

■ 18.9480, 0.6253,
0.3417

Harmonies

Analogous

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



62.1450, 0.3364, 0.3217



62.1450, 0.3462, 0.3368



62.1450, 0.3467, 0.3504

Triad

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



62.1450, 0.3462, 0.3368



62.1450, 0.3046, 0.3507



62.1450, 0.2877, 0.2999

Complementary

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



62.1450, 0.3462, 0.3368



72.1119, 0.2853, 0.3211

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.



62.1450, 0.2798, 0.3066



62.1450, 0.3462, 0.3368



62.1450, 0.2893, 0.3360

Square

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



62.1450, 0.3462, 0.3368



62.1450, 0.3223, 0.3592



62.1450, 0.2804, 0.3197



62.1450, 0.3024, 0.3008

Rectangle

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



62.1450, 0.3462, 0.3368



62.1450, 0.3417, 0.3569



62.1450, 0.2804, 0.3197



62.1450, 0.2842, 0.3013

Sweetspot

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



62.1478, 0.3462, 0.3368



92.6113, 0.3209, 0.3311



60.7823, 0.3195, 0.2909



19.6076, 0.3221, 0.3314



0.0000, 0.0000, 0.0000



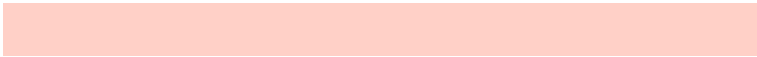
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1478, 0.3462, 0.3368



70.6061, 0.3557, 0.3387



72.1389, 0.3424, 0.3586



15.4590, 0.3289, 0.3330



10.7650, 0.6232, 0.3434



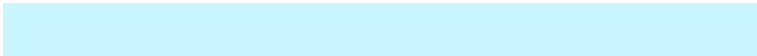
0.9653, 0.5989, 0.3627

Inverse Universe

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



72.1119, 0.2853, 0.3211



85.0553, 0.2792, 0.3191



61.6337, 0.2840, 0.2975



16.6703, 0.2981, 0.3250



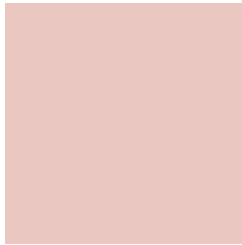
25.4451, 0.2098, 0.2752



2.1114, 0.2121, 0.2834

Previews

White Background



This preview shows how the Yxy color 62.1450, 0.3462, 0.3368 looks on a white background.

Color Contrast Check

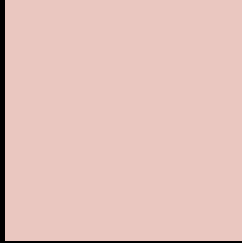
Large Text (above 18pt) WCAG AA × Fail

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 62.1450, 0.3462, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

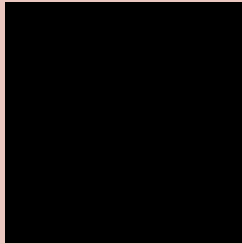
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1450, 0.3462, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 62.1450, 0.3462, 0.3368.

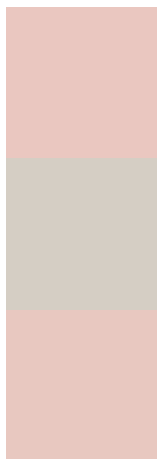


This preview shows how white text looks on a background with the Yxy color 62.1450, 0.3462, 0.3368.

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

62.1450, 0.3462, 0.3368

Protanopia

62.2743, 0.3253, 0.3406

Deuteranopia

62.2701, 0.3443, 0.3379



Tritanopia

62.0159, 0.3334, 0.3129

Trichromacy



Original Color

62.1450, 0.3462, 0.3368

Protanomaly

62.0242, 0.3327, 0.3381

Deuteranomaly

62.4380, 0.3451, 0.3379

Tritanomaly

61.9543, 0.3379, 0.3215

Monochromacy



Original Color

62.1450, 0.3462, 0.3368

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8799, 0.3242, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1450, 0.3462, 0.3368 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, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(234, 199, 192)  
}
```

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, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 199, 192) }
```

Border

The CSS property to change the border of an element to Yxy 62.1450, 0.3462, 0.3368 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, 199, 192) }
```

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

```
.border{ border-color:rgb(234, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(234, 199,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1450, 0.3462, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 199, 192) }
```

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

```
.background{ background-color: rgb(234,  
199, 192) }
```

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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