

Converting Colors

$Yxy(48.8468, 0.3644, 0.3209)$

Have a look what the booklet for
Yxy(48.8468, 0.3644, 0.3209)
contains.

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Color

Yxy(48.7061, 0.3640, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	E8A9B1
RGB	232, 169, 177
RGB Percent	91%, 66%, 69%
CMY	0.0902, 0.3372, 0.3057
CMYK	0.00, 0.27, 0.24, 0.09
HSL	352°, 58%, 79%
HSV	352°, 27%, 91%
XYZ	55.4032, 48.7061, 48.0973
YIQ	188.7490, 34.9800, 15.8440

Conversions

Conversions Part 2

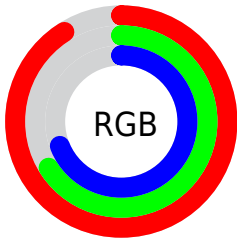
Format	Color
RYB	232, 169, 177
Decimal	15247793
CIELab	75.27, 24.28, 5.04
CIElCh	75, 24.793, 11.732
Yxy	48.7061, 0.3640, 0.3200
Android (android.graphics.Color)	4293437873 (0xFFE8A9B1)
YUV	188.7490, -5.7923, 37.9311
Hunter-Lab	69.7898, 19.5717, 7.9917

Details

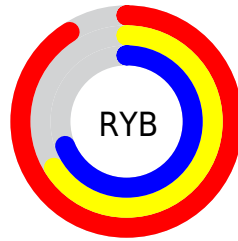
The Yxy color **48.7061, 0.3640, 0.3200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.5226, 0.2775, 0.3383**, and the grayscale version is **50.7590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9936, 0.3286, 0.3211**, and **23.0854, 0.3779, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **40.0801, 0.3917, 0.3166**, and if you desaturate by 10%, it is **58.9877, 0.3415, 0.3235**.

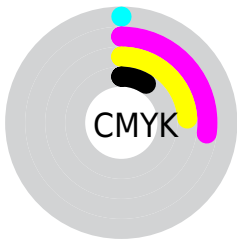
Distribution



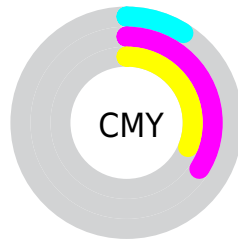
- Red (91%)
- Green (66%)
- Blue (69%)



- Red (91%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7061, 0.3640, 0.3200 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 48.7061, 0.3640, 0.3200 by changing the saturation by 10% instead.


 48.7061, 0.3640,
0.3200


 48.7061, 0.3640,
0.3200

381.5842, 0.3384,
0.3248

 34.3864, 0.3704,
0.3187


 88.2548, 0.3547,
0.3218

 23.1906, 0.3786,
0.3170


 114.2526, 0.3512,
0.3225

 14.7343, 0.3894,
0.3147


144.9118, 0.3483,
0.3230

 8.6331, 0.4045,
0.3113

180.6170, 0.3457,
0.3235

 4.5027, 0.4268,
0.3059

221.7524, 0.3435,
0.3239

 1.9585, 0.4631,
0.2965

268.7024, 0.3416,

 0.5832, 0.5779,

0.3242

0.2843

321.8516, 0.3399,
0.3245

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7061, 0.3640,
0.3200

48.7061, 0.3640,
0.3200

40.0801, 0.3917,
0.3166

58.9877, 0.3415,
0.3235

33.0167, 0.4253,
0.3135

70.9980, 0.3234,
0.3268

27.4241, 0.4646,
0.3112

84.8140, 0.3089,
0.3299

23.1981, 0.5082,
0.3103

95.8941, 0.2987,
0.3290

■ 20.2210, 0.5524,
0.3116

■ 18.3549, 0.5916,
0.3153

■ 17.4212, 0.6200,
0.3209

■ 17.2458, 0.6261,
0.3223

Harmonies

Analogous

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



48.7061, 0.3338, 0.2950



48.7061, 0.3640, 0.3200



48.7061, 0.3799, 0.3482

Triad

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



48.7061, 0.3640, 0.3200



48.7061, 0.3235, 0.3870



48.7061, 0.2522, 0.2817

Complementary

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



48.7061, 0.3640, 0.3200



71.5226, 0.2775, 0.3383

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.



48.7061, 0.2499, 0.3038



48.7061, 0.3640, 0.3200



48.7061, 0.2898, 0.3669

Square

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



48.7061, 0.3640, 0.3200



48.7061, 0.3554, 0.3886



48.7061, 0.2633, 0.3353



48.7061, 0.2697, 0.2731

Rectangle

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



48.7061, 0.3640, 0.3200



48.7061, 0.3798, 0.3658



48.7061, 0.2633, 0.3353



48.7061, 0.2497, 0.2877

Sweetspot

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



48.7084, 0.3640, 0.3200



86.5741, 0.3249, 0.3265



49.9861, 0.3089, 0.2601



18.0248, 0.3274, 0.3260



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.



48.7084, 0.3640, 0.3200



53.6895, 0.3800, 0.3179



57.7622, 0.3647, 0.3552



14.3978, 0.3272, 0.3260



9.5852, 0.6234, 0.3208



0.7181, 0.5910, 0.3029

Inverse Universe

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



48.7084, 0.3640, 0.3200



53.6895, 0.3800, 0.3179



59.8112, 0.2705, 0.3012



14.3978, 0.3272, 0.3260



9.5852, 0.6234, 0.3208



0.7181, 0.5910, 0.3029

Previews

White Background



This preview shows how the Yxy color 48.7061, 0.3640, 0.3200 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 48.7061, 0.3640, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

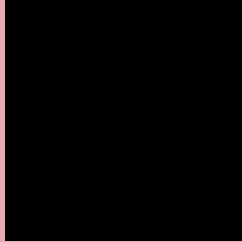
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7061, 0.3640, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 48.7061, 0.3640, 0.3200.



This preview shows how white text looks on a background with the Yxy color 48.7061, 0.3640, 0.3200.

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

48.7061, 0.3640, 0.3200

Protanopia

49.0619, 0.3153, 0.3277

Deuteranopia

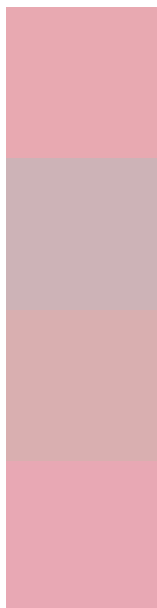
48.7452, 0.3417, 0.3340



Tritanopia

48.4973, 0.3606, 0.3144

Trichromacy



Original Color

48.7061, 0.3640, 0.3200

Protanomaly

48.6382, 0.3322, 0.3242

Deuteranomaly

48.5462, 0.3498, 0.3279

Tritanomaly

48.4564, 0.3615, 0.3155

Monochromacy



Original Color

48.7061, 0.3640, 0.3200

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.9378, 0.3301, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7061, 0.3640, 0.3200 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(232, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(232, 169, 177)  
}
```

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(232, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 169, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.7061, 0.3640, 0.3200 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(232, 169, 177) }
```

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

```
.border{ border-color:rgb(232, 169, 177) }
```

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

Here you see how a box with a 4 pixel rgb(232, 169, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(232, 169,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7061, 0.3640, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 169, 177) }
```

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

```
.background{ background-color: rgb(232,  
169, 177) }
```

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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