

Converting Colors

$Yxy(48.2547, 0.3461, 0.3043)$

Have a look what the booklet for
Yxy(48.2547, 0.3461, 0.3043)
contains.

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Color

Yxy(48.3063, 0.3457, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	E2A9BF
RGB	226, 169, 191
RGB Percent	89%, 66%, 75%
CMY	0.1138, 0.3372, 0.2511
CMYK	0.00, 0.25, 0.15, 0.11
HSL	337°, 50%, 77%
HSV	337°, 25%, 89%
XYZ	54.9506, 48.3063, 55.6977
YIQ	188.5510, 26.9100, 18.9260

Conversions

Conversions Part 2

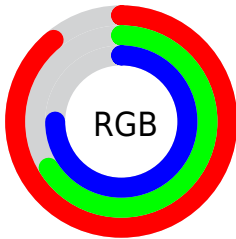
Format	Color
R _Y B	226, 169, 191
Decimal	14854591
CIE Lab	75.02, 24.21, -3.02
CIE LCh	75, 24.402, 352.880
Yxy	48.3063, 0.3457, 0.3039
Android (android.graphics.Color)	4293044671 (0xFFE2A9BF)
YUV	188.5510, 1.2074, 32.8428
Hunter-Lab	69.5027, 19.4968, 1.1384

Details

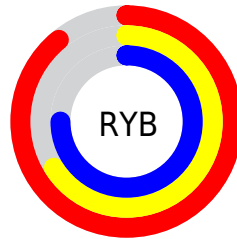
The Yxy color **48.3063, 0.3457, 0.3039** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.1859, 0.2883, 0.3557**, and the grayscale version is **50.6009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8258, 0.3193, 0.3075**, and **22.8718, 0.3546, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **40.0305, 0.3639, 0.2934**, and if you desaturate by 10%, it is **58.0978, 0.3306, 0.3142**.

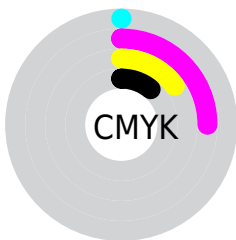
Distribution



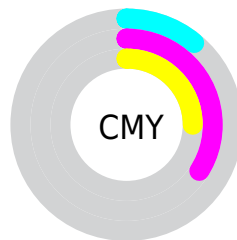
- Red (89%)
- Green (66%)
- Blue (75%)



- Red (89%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3063, 0.3457, 0.3039 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 48.3063, 0.3457, 0.3039 by changing the saturation by 10% instead.

 48.3063, 0.3457,
0.3039

 48.3063, 0.3457,
0.3039

380.0049, 0.3294,
0.3162

 34.0695, 0.3497,
0.3009


 87.6603, 0.3398,
0.3083

 22.9470, 0.3548,
0.2971


 113.5463, 0.3376,
0.3100

 14.5544, 0.3616,
0.2921


144.0841, 0.3357,
0.3114

 8.5072, 0.3709,
0.2853

179.6582, 0.3341,
0.3126

 4.4212, 0.3847,
0.2754

220.6529, 0.3327,
0.3137

 1.9119, 0.4067,
0.2597

267.4527, 0.3315,

 0.5555, 0.4562,

0.3146

0.2202

320.4419, 0.3304,
0.3155

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.3063, 0.3457,
0.3039

48.3063, 0.3457,
0.3039

40.0305, 0.3639,
0.2934

58.0978, 0.3306,
0.3142

33.1873, 0.3857,
0.2834

69.4692, 0.3183,
0.3241

27.6960, 0.4112,
0.2745

82.4892, 0.3081,
0.3333

23.4647, 0.4400,
0.2680

94.3740, 0.2998,
0.3375

■ 20.3903, 0.4713,
0.2651

■ 94.9073, 0.2952,
0.3289

■ 18.3529, 0.5033,
0.2669

■ 17.2057, 0.5335,
0.2741

■ 16.8565, 0.5470,
0.2787

Harmonies

Analogous

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



48.3063, 0.3119, 0.2838



48.3063, 0.3457, 0.3039



48.3063, 0.3712, 0.3304

Triad

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



48.3063, 0.3457, 0.3039



48.3063, 0.3439, 0.3894



48.3063, 0.2497, 0.2947

Complementary

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



48.3063, 0.3457, 0.3039



67.1859, 0.2883, 0.3557

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.



48.3063, 0.2573, 0.3231



48.3063, 0.3457, 0.3039



48.3063, 0.3107, 0.3808

Square

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



48.3063, 0.3457, 0.3039



48.3063, 0.3696, 0.3801



48.3063, 0.2792, 0.3556



48.3063, 0.2577, 0.2775

Rectangle

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



48.3063, 0.3457, 0.3039



48.3063, 0.3792, 0.3490



48.3063, 0.2792, 0.3556



48.3063, 0.2505, 0.3032

Sweetspot

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



48.3085, 0.3457, 0.3039



86.8863, 0.3215, 0.3214



46.5962, 0.2966, 0.2627



18.1029, 0.3233, 0.3199



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.



48.3085, 0.3457, 0.3039



57.8529, 0.3544, 0.2987



49.5802, 0.3643, 0.3358



13.7875, 0.3232, 0.3200



9.6391, 0.5429, 0.2765



0.6853, 0.5014, 0.2536

Inverse Universe

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



48.3085, 0.3457, 0.3039



57.8529, 0.3544, 0.2987



65.2675, 0.2752, 0.3221



13.7875, 0.3232, 0.3200



9.6391, 0.5429, 0.2765



0.6853, 0.5014, 0.2536

Previews

White Background



This preview shows how the Yxy color 48.3063, 0.3457, 0.3039 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 48.3063, 0.3457, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

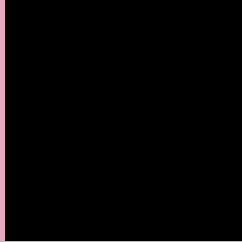
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3063, 0.3457, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 48.3063, 0.3457, 0.3039.



This preview shows how white text looks on a background with the Yxy color 48.3063, 0.3457, 0.3039.

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

48.3063, 0.3457, 0.3039

Protanopia

48.6415, 0.3005, 0.3088

Deuteranopia

48.3318, 0.3237, 0.3167



Tritanopia

48.1759, 0.3518, 0.3140

Trichromacy



Original Color

48.3063, 0.3457, 0.3039

Protanomaly

48.4135, 0.3155, 0.3070

Deuteranomaly

48.0793, 0.3312, 0.3110

Tritanomaly

48.3022, 0.3491, 0.3106

Monochromacy



Original Color

48.3063, 0.3457, 0.3039

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.7302, 0.3234, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3063, 0.3457, 0.3039 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(226, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 169, 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(226, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 169, 191) }
```

Border

The CSS property to change the border of an element to Yxy 48.3063, 0.3457, 0.3039 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(226, 169, 191) }
```

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

```
.border{ border-color:rgb(226, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 169, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 169, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 169,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3063, 0.3457, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 169, 191) }
```

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

```
.background{ background-color: rgb(226,  
169, 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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