

Converting Colors

$Yxy(48.9961, 0.3460, 0.3084)$

Have a look what the booklet for
Yxy(48.9961, 0.3460, 0.3084)
contains.

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Color

Yxy(48.8075, 0.3462, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	E1ABBD
RGB	225, 171, 189
RGB Percent	88%, 67%, 74%
CMY	0.1178, 0.3293, 0.2589
CMYK	0.00, 0.24, 0.16, 0.12
HSL	340°, 47%, 78%
HSV	340°, 24%, 88%
XYZ	54.7897, 48.8075, 54.6631
YIQ	189.1980, 26.4060, 17.0460

Conversions

Conversions Part 2

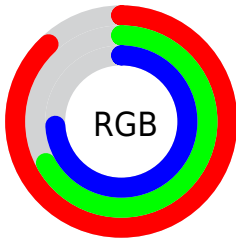
Format	Color
R _Y B	225, 171, 189
Decimal	14789565
CIE Lab	75.33, 22.45, -1.49
CIE LCh	75, 22.504, 356.211
Yxy	48.8075, 0.3462, 0.3084
Android (android.graphics.Color)	4292979645 (0xFFE1ABBD)
YUV	189.1980, -0.0976, 31.3984
Hunter-Lab	69.8624, 17.7300, 2.5128

Details

The Yxy color $48.8075, 0.3462, 0.3084$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $66.9990, 0.2878, 0.3507$, and the grayscale version is $50.9970, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7907, 0.3204, 0.3114$, and $23.1695, 0.3554, 0.3018$ is the 20% darker color. If you saturate the color by 10%, you get $40.4021, 0.3656, 0.2993$, and if you desaturate by 10%, it is $58.7312, 0.3302, 0.3173$.

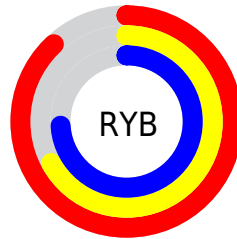
Distribution



Red (88%)

Green (67%)

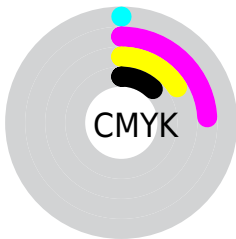
Blue (74%)



Red (88%)

Yellow (67%)

Blue (74%)

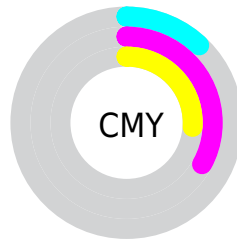


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8075, 0.3462, 0.3084 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 48.8075, 0.3462, 0.3084 by changing the saturation by 10% instead.


 48.8075, 0.3462,
0.3084

 48.8075, 0.3462,
0.3084

381.9840, 0.3296,
0.3186

 34.4668, 0.3503,
0.3059


 88.4055, 0.3402,
0.3121

 23.2524, 0.3555,
0.3027


114.4316, 0.3380,
0.3134

 14.7800, 0.3624,
0.2986


145.1215, 0.3360,
0.3146

 8.6651, 0.3720,
0.2928

180.8598, 0.3344,
0.3156

 4.5234, 0.3860,
0.2845

222.0308, 0.3330,
0.3165

 1.9705, 0.4087,
0.2711

269.0189, 0.3317,

 0.5902, 0.4599,

0.3173

0.2384

322.2085, 0.3306,
0.3179

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8075, 0.3462,
0.3084

48.8075, 0.3462,
0.3084

40.4021, 0.3656,
0.2993

58.7312, 0.3302,
0.3173

33.4332, 0.3890,
0.2905

70.2364, 0.3172,
0.3258

27.8211, 0.4165,
0.2828

83.3911, 0.3066,
0.3337

23.4758, 0.4480,
0.2772

94.3628, 0.2979,
0.3350

■ 20.2964, 0.4823,
0.2748

■ 94.7423, 0.2946,
0.3289

■ 18.1660, 0.5172,
0.2770

■ 16.9430, 0.5498,
0.2841

■ 16.5086, 0.5675,
0.2900

Harmonies

Analogous

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



48.8075, 0.3156, 0.2888



48.8075, 0.3462, 0.3084



48.8075, 0.3681, 0.3334

Triad

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



48.8075, 0.3462, 0.3084



48.8075, 0.3383, 0.3844



48.8075, 0.2547, 0.2952

Complementary

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



48.8075, 0.3462, 0.3084



66.9990, 0.2878, 0.3507

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.



48.8075, 0.2601, 0.3205



48.8075, 0.3462, 0.3084



48.8075, 0.3075, 0.3744

Square

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



48.8075, 0.3462, 0.3084



48.8075, 0.3631, 0.3777



48.8075, 0.2791, 0.3502



48.8075, 0.2637, 0.2806

Rectangle

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



48.8075, 0.3462, 0.3084



48.8075, 0.3742, 0.3505



48.8075, 0.2791, 0.3502



48.8075, 0.2549, 0.3027

Sweetspot

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



48.8097, 0.3462, 0.3084



88.3918, 0.3209, 0.3232



47.8321, 0.3005, 0.2667



18.7161, 0.3217, 0.3227



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.



48.8097, 0.3462, 0.3084



58.7679, 0.3559, 0.3037



51.5913, 0.3602, 0.3396



13.7754, 0.3240, 0.3212



9.5355, 0.5634, 0.2877



0.6772, 0.5199, 0.2638

Inverse Universe

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



48.8097, 0.3462, 0.3084



58.7679, 0.3559, 0.3037



63.1947, 0.2766, 0.3181



13.7754, 0.3240, 0.3212



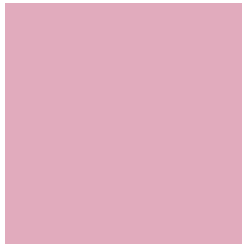
9.5355, 0.5634, 0.2877



0.6772, 0.5199, 0.2638

Previews

White Background



This preview shows how the Yxy color 48.8075, 0.3462, 0.3084 looks on a white background.

Color Contrast Check

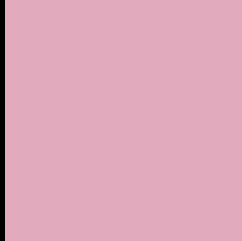
Large Text (above 18pt) WCAG AA × Fail

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 48.8075, 0.3462, 0.3084 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 48.8075, 0.3462, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 48.8075, 0.3462, 0.3084.



This preview shows how white text looks on a background with the Yxy color 48.8075, 0.3462, 0.3084.

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

48.8075, 0.3462, 0.3084

Protanopia

49.1682, 0.3044, 0.3139

Deuteranopia

48.9269, 0.3270, 0.3205



Tritanopia

48.8551, 0.3487, 0.3140

Trichromacy



Original Color

48.8075, 0.3462, 0.3084

Protanomaly

48.8169, 0.3187, 0.3119

Deuteranomaly

48.9240, 0.3336, 0.3159

Tritanomaly

48.8975, 0.3478, 0.3129

Monochromacy



Original Color

48.8075, 0.3462, 0.3084

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6866, 0.3242, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8075, 0.3462, 0.3084 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(225, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 189)  
}
```

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(225, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.8075, 0.3462, 0.3084 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(225, 171, 189) }
```

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

```
.border{ border-color:rgb(225, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8075, 0.3462, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 189) }
```

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

```
.background{ background-color: rgb(225,  
171, 189) }
```

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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