

Converting Colors

$Y_{xy}(47.5496, 0.3635, 0.3430)$

Have a look what the booklet for
Yxy(47.5496, 0.3635, 0.3430)
contains.

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Color

Yxy(47.7862, 0.3636, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	DAAEA2
RGB	218, 174, 162
RGB Percent	85%, 68%, 64%
CMY	0.1449, 0.3177, 0.3646
CMYK	0.00, 0.20, 0.26, 0.14
HSL	13°, 43%, 75%
HSV	13°, 26%, 86%
XYZ	50.5824, 47.7862, 40.7470
YIQ	185.7880, 30.0760, 5.5960

Conversions

Conversions Part 2

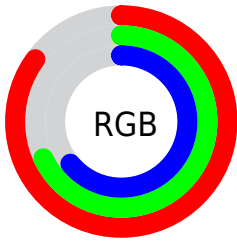
Format	Color
R _Y B	218, 177, 162
Decimal	14331554
CIE Lab	74.69, 14.28, 12.24
CIE LCh	75, 18.808, 40.585
Yxy	47.7862, 0.3636, 0.3435
Android (android.graphics.Color)	4292521634 (0xFFDAAEA2)
YUV	185.7880, -11.7275, 28.2499
Hunter-Lab	69.1276, 9.6398, 13.4411

Details

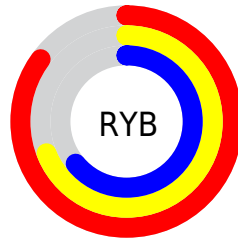
The Yxy color **47.7862, 0.3636, 0.3435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9272, 0.2739, 0.3140**, and the grayscale version is **49.0357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8634, 0.3388, 0.3421**, and **22.4819, 0.3787, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **40.8718, 0.3908, 0.3495**, and if you desaturate by 10%, it is **55.6851, 0.3409, 0.3376**.

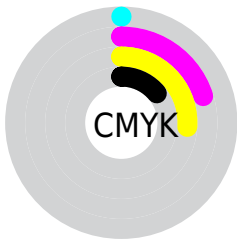
Distribution



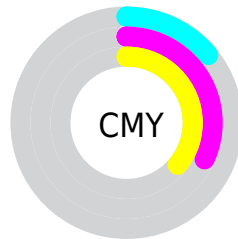
- Red (85%)
- Green (68%)
- Blue (64%)



- Red (85%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7862, 0.3636, 0.3435 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 47.7862, 0.3636, 0.3435 by changing the saturation by 10% instead.


 47.7862, 0.3636,
0.3435


 47.7862, 0.3636,
0.3435


377.9440, 0.3380,
0.3368

 33.6576, 0.3700,
0.3450


 86.8860, 0.3543,
0.3412

 22.6307, 0.3782,
0.3468


 112.6260, 0.3508,
0.3403

 14.3210, 0.3892,
0.3491


143.0052, 0.3479,
0.3395

 8.3443, 0.4044,
0.3519

178.4081, 0.3453,
0.3388

 4.3160, 0.4271,
0.3553

219.2190, 0.3431,
0.3382

 1.8519, 0.4639,
0.3588

265.8224, 0.3412,

 0.5192, 0.6186,

0.3377

0.3814

318.6026, 0.3395,
0.3372

0.0000, 0.0000,
0.0000

47.7862, 0.3636,
0.3435

47.7862, 0.3636,
0.3435

40.8718, 0.3908,
0.3495

55.6851, 0.3409,
0.3376

34.8967, 0.4229,
0.3551

64.5985, 0.3220,
0.3320

29.8218, 0.4596,
0.3598

74.5632, 0.3063,
0.3268

25.6025, 0.4998,
0.3627

85.6122, 0.2934,
0.3221

22.1906, 0.5407,
0.3627

93.6526, 0.2906,
0.3289

■ 19.5325, 0.5780,
0.3591

■ 17.5677, 0.6068,
0.3519

■ 16.9123, 0.6167,
0.3485

Harmonies

Analogous

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



47.7862, 0.3511, 0.3215



47.7862, 0.3636, 0.3435



47.7862, 0.3618, 0.3629

Triad

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



47.7862, 0.3636, 0.3435



47.7862, 0.2963, 0.3584



47.7862, 0.2790, 0.2858

Complementary

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



47.7862, 0.3636, 0.3435



56.9272, 0.2739, 0.3140

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.



47.7862, 0.2657, 0.2934



47.7862, 0.3636, 0.3435



47.7862, 0.2754, 0.3351

Square

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



47.7862, 0.3636, 0.3435



47.7862, 0.3223, 0.3730



47.7862, 0.2644, 0.3110



47.7862, 0.3015, 0.2892

Rectangle

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



47.7862, 0.3636, 0.3435



47.7862, 0.3528, 0.3717



47.7862, 0.2644, 0.3110



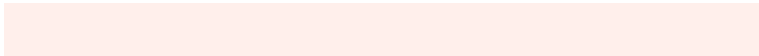
47.7862, 0.2733, 0.2871

Sweetspot

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



47.7884, 0.3636, 0.3435



88.9435, 0.3261, 0.3333



45.2561, 0.3253, 0.2773



18.6158, 0.3289, 0.3341



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.



47.7884, 0.3636, 0.3435



62.4606, 0.3782, 0.3468



59.4059, 0.3558, 0.3748



13.5001, 0.3286, 0.3341



10.2557, 0.6144, 0.3504



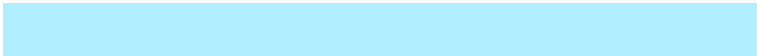
0.7914, 0.5828, 0.3754

Inverse Universe

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



56.9272, 0.2739, 0.3140



77.6590, 0.2659, 0.3103



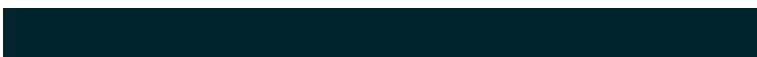
44.9176, 0.2706, 0.2785



14.3328, 0.2982, 0.3239



20.7417, 0.2053, 0.2591



1.4640, 0.2088, 0.2718

Previews

White Background



This preview shows how the Yxy color 47.7862, 0.3636, 0.3435 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 47.7862, 0.3636, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

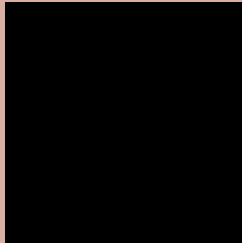
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7862, 0.3636, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 47.7862, 0.3636, 0.3435.



This preview shows how white text looks on a background with the Yxy color 47.7862, 0.3636, 0.3435.

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

47.7862, 0.3636, 0.3435

Protanopia

47.7334, 0.3325, 0.3497

Deuteranopia

47.7191, 0.3562, 0.3488



Tritanopia

47.9587, 0.3471, 0.3139

Trichromacy



Original Color

47.7862, 0.3636, 0.3435

Protanomaly

47.7766, 0.3438, 0.3480

Deuteranomaly

47.7700, 0.3593, 0.3474

Tritanomaly

47.8553, 0.3532, 0.3244

Monochromacy



Original Color

47.7862, 0.3636, 0.3435

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.6360, 0.3306, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7862, 0.3636, 0.3435 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(218, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(218, 174, 162)  
}
```

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(218, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 174, 162) }
```

Border

The CSS property to change the border of an element to Yxy 47.7862, 0.3636, 0.3435 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(218, 174, 162) }
```

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

```
.border{ border-color:rgb(218, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(218, 174,  
162) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 47.7862, 0.3636, 0.3435$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 174, 162) }
```

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

```
.background{ background-color: rgb(218,  
174, 162) }
```

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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