

Converting Colors

$Y_{xy}(35.5760, 0.3770, 0.3054)$

Have a look what the booklet for
Yxy(35.5760, 0.3770, 0.3054)
contains.

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Color

Yxy(35.6856, 0.3775, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	D98B9E
RGB	217, 139, 158
RGB Percent	85%, 55%, 62%
CMY	0.1489, 0.4549, 0.3804
CMYK	0.00, 0.36, 0.27, 0.15
HSL	345°, 51%, 70%
HSV	345°, 36%, 85%
XYZ	44.0239, 35.6856, 36.9101
YIQ	164.4880, 40.3890, 22.4450

Conversions

Conversions Part 2

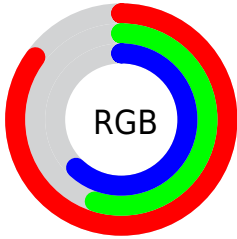
Format	Color
R _Y B	217, 139, 158
Decimal	14257054
CIE _{Lab}	66.28, 32.21, 2.41
CIE _{LCh}	66, 32.299, 4.276
Yxy	35.6856, 0.3775, 0.3060
Android (android.graphics.Color)	4292447134 (0xFFD98B9E)
YUV	164.4880, -3.1986, 46.0530
Hunter-Lab	59.7374, 27.0063, 5.1825

Details

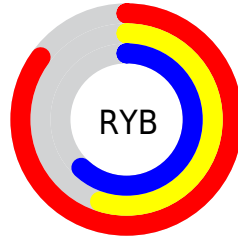
The Yxy color **35.6856, 0.3775, 0.3060** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.2052, 0.2729, 0.3538**, and the grayscale version is **37.3709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2040, 0.3476, 0.3086**, and **15.5146, 0.3972, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **29.4863, 0.4053, 0.2998**, and if you desaturate by 10%, it is **43.2113, 0.3545, 0.3126**.

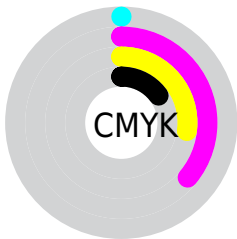
Distribution



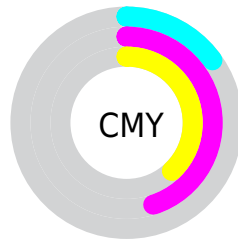
- Red (85%)
- Green (55%)
- Blue (62%)



- Red (85%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (36%)
- Yellow (27%)
- Black (15%)




- Cyan (15%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6856, 0.3775, 0.3060 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 35.6856, 0.3775, 0.3060 by changing the saturation by 10% instead.


 35.6856, 0.3775,
0.3060


 35.6856, 0.3775,
0.3060


327.5843, 0.3436,
0.3183


 24.1915, 0.3865,
0.3027


 68.5465, 0.3648,
0.3106

 15.4757, 0.3983,
0.2983


 90.6821, 0.3602,
0.3123

 9.1539, 0.4146,
0.2921


 117.1336, 0.3563,
0.3137

 4.8417, 0.4383,
0.2830

148.2855, 0.3530,
0.3149

 2.1547, 0.4761,
0.2682

184.5221, 0.3501,
0.3159

 0.6951, 0.5554,
0.2408

226.2278, 0.3477,

 0.0000, 1.0000,

0.3168

0.0000

273.7871, 0.3455,
0.3176

0.0000, 0.0000,
0.0000

35.6856, 0.3775,
0.3060

35.6856, 0.3775,
0.3060

29.4863, 0.4053,
0.2998

43.2113, 0.3545,
0.3126

24.5310, 0.4381,
0.2946

52.1291, 0.3357,
0.3192

20.7363, 0.4751,
0.2914

62.5066, 0.3204,
0.3255

18.0061, 0.5146,
0.2913

74.4054, 0.3080,
0.3313

16.2289, 0.5530,
0.2952

87.8836, 0.2980,
0.3367

■ 15.2667, 0.5859,
0.3030

■ 93.4954, 0.2900,
0.3289

■ 15.0109, 0.5975,
0.3065

Harmonies

Analogous

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



35.6856, 0.3300, 0.2741



35.6856, 0.3775, 0.3060



35.6856, 0.4070, 0.3445

Triad

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



35.6856, 0.3775, 0.3060



35.6856, 0.3390, 0.4177



35.6856, 0.2247, 0.2668

Complementary

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



35.6856, 0.3775, 0.3060



59.2052, 0.2729, 0.3538

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.



35.6856, 0.2267, 0.3016



35.6856, 0.3775, 0.3060



35.6856, 0.2904, 0.3949

Square

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



35.6856, 0.3775, 0.3060



35.6856, 0.3826, 0.4108



35.6856, 0.2498, 0.3497



35.6856, 0.2436, 0.2512

Rectangle

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



35.6856, 0.3775, 0.3060



35.6856, 0.4112, 0.3704



35.6856, 0.2498, 0.3497



35.6856, 0.2230, 0.2764

Sweetspot

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



35.6873, 0.3775, 0.3060



82.0986, 0.3279, 0.3223



35.4149, 0.2985, 0.2354



17.1399, 0.3300, 0.3214



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.



35.6873, 0.3775, 0.3060



44.5981, 0.3977, 0.3013



41.2446, 0.3903, 0.3531



13.1032, 0.3254, 0.3233



9.0986, 0.5940, 0.3046



0.6031, 0.5473, 0.2789

Inverse Universe

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



35.6873, 0.3775, 0.3060



44.5981, 0.3977, 0.3013



50.6671, 0.2589, 0.3032



13.1032, 0.3254, 0.3233



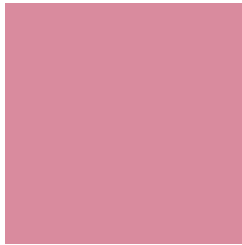
9.0986, 0.5940, 0.3046



0.6031, 0.5473, 0.2789

Previews

White Background



This preview shows how the Yxy color 35.6856, 0.3775, 0.3060 looks on a white background.

Color Contrast Check

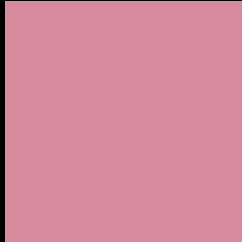
Large Text (above 18pt) WCAG AA × Fail

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 35.6856, 0.3775, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

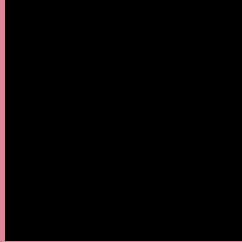
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6856, 0.3775, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 35.6856, 0.3775, 0.3060.



This preview shows how white text looks on a background with the Yxy color 35.6856, 0.3775, 0.3060.

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

35.6856, 0.3775, 0.3060

Protanopia

36.1114, 0.3049, 0.3147

Deuteranopia

35.8468, 0.3377, 0.3305



Tritanopia

35.5895, 0.3839, 0.3157

Trichromacy



Original Color

35.6856, 0.3775, 0.3060

Protanomaly

35.4807, 0.3295, 0.3113

Deuteranomaly

35.5504, 0.3514, 0.3211

Tritanomaly

35.6882, 0.3806, 0.3120

Monochromacy



Original Color

35.6856, 0.3775, 0.3060

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1186, 0.3341, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6856, 0.3775, 0.3060 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(217, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 158)  
}
```

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(217, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 158) }
```

Border

The CSS property to change the border of an element to Yxy 35.6856, 0.3775, 0.3060 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(217, 139, 158) }
```

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

```
.border{ border-color:rgb(217, 139, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 139, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 139, 158); box-shadow:4px 4px 4px 4px rgb(217, 139, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6856, 0.3775, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 158) }
```

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

```
.background{ background-color: rgb(217,  
139, 158) }
```

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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