

Converting Colors

$Yxy(36.2163, 0.3787, 0.3102)$

Have a look what the booklet for
Yxy(36.2163, 0.3787, 0.3102)
contains.

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Color

Yxy(36.2018, 0.3790, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	D98D9C
RGB	217, 141, 156
RGB Percent	85%, 55%, 61%
CMY	0.1492, 0.4470, 0.3883
CMYK	0.00, 0.35, 0.28, 0.15
HSL	348°, 50%, 70%
HSV	348°, 35%, 85%
XYZ	44.1315, 36.2018, 36.1086
YIQ	165.4340, 40.4810, 20.7770

Conversions

Conversions Part 2

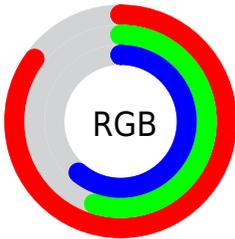
Format	Color
R _Y B	217, 141, 156
Decimal	14257564
CIE Lab	66.67, 30.82, 4.11
CIE LCh	67, 31.094, 7.588
Yxy	36.2018, 0.3790, 0.3109
Android (android.graphics.Color)	4292447644 (0xFFD98D9C)
YUV	165.4340, -4.6510, 45.2234
Hunter-Lab	60.1679, 25.6309, 6.5358

Details

The Yxy color **36.2018, 0.3790, 0.3109** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.5352, 0.2718, 0.3483**, and the grayscale version is **37.8553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9434, 0.3497, 0.3137**, and **15.8058, 0.3994, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **29.8699, 0.4082, 0.3058**, and if you desaturate by 10%, it is **43.8751, 0.3549, 0.3163**.

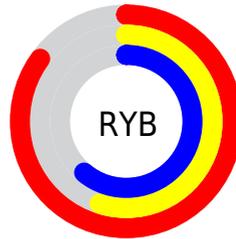
Distribution



Red (85%)

Green (55%)

Blue (61%)



Red (85%)

Yellow (55%)

Blue (61%)

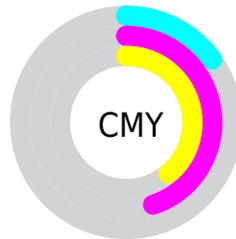


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (15%)



Cyan (15%)

Magenta (45%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.2018, 0.3790, 0.3109 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 36.2018, 0.3790, 0.3109 by changing the saturation by 10% instead.

 36.2018, 0.3790,
0.3109

 36.2018, 0.3790,
0.3109

329.8417, 0.3443,
0.3207

 24.5901, 0.3882,
0.3082

 69.3434, 0.3660,
0.3147

 15.7719, 0.4003,
0.3045

 91.6421, 0.3613,
0.3160

 9.3629, 0.4169,
0.2994

 118.2720, 0.3573,
0.3171

 4.9786, 0.4411,
0.2916

149.6173, 0.3539,
0.3181

 2.2347, 0.4796,
0.2787

186.0625, 0.3510,
0.3189

 0.7388, 0.5625,
0.2573

227.9921, 0.3485,

 0.0000, 1.0000,

0.3196

0.0000

275.7904, 0.3463,
0.3202

0.0000, 0.0000,
0.0000

36.2018, 0.3790,
0.3109

36.2018, 0.3790,
0.3109

29.8699, 0.4082,
0.3058

43.8751, 0.3549,
0.3163

24.7971, 0.4428,
0.3017

52.9555, 0.3353,
0.3216

20.9002, 0.4820,
0.2992

63.5107, 0.3195,
0.3266

18.0836, 0.5236,
0.2994

75.6023, 0.3067,
0.3313

16.2367, 0.5636,
0.3030

89.2885, 0.2963,
0.3356

■ 15.2248, 0.5969,
0.3099

■ 93.4858, 0.2900,
0.3289

■ 14.9184, 0.6104,
0.3136

Harmonies

Analogous

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



36.2018, 0.3348, 0.2791



36.2018, 0.3790, 0.3109



36.2018, 0.4046, 0.3483

Triad

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



36.2018, 0.3790, 0.3109



36.2018, 0.3329, 0.4127



36.2018, 0.2291, 0.2668

Complementary

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



36.2018, 0.3790, 0.3109



59.5352, 0.2718, 0.3483

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.



36.2018, 0.2288, 0.2985



36.2018, 0.3790, 0.3109



36.2018, 0.2865, 0.3880

Square

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



36.2018, 0.3790, 0.3109



36.2018, 0.3759, 0.4095



36.2018, 0.2490, 0.3436



36.2018, 0.2495, 0.2536

Rectangle

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



36.2018, 0.3790, 0.3109



36.2018, 0.4066, 0.3729



36.2018, 0.2490, 0.3436



36.2018, 0.2267, 0.2754

Sweetspot

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



36.2035, 0.3790, 0.3109



83.5464, 0.3271, 0.3241



36.5907, 0.3026, 0.2389



17.4258, 0.3294, 0.3234



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.



36.2035, 0.3790, 0.3109



45.2731, 0.4001, 0.3071



43.1518, 0.3859, 0.3570



13.0933, 0.3261, 0.3244



9.0464, 0.6073, 0.3119



0.5983, 0.5624, 0.2872

Inverse Universe

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



36.2035, 0.3790, 0.3109



45.2731, 0.4001, 0.3071



49.3371, 0.2595, 0.2989



13.0933, 0.3261, 0.3244



9.0464, 0.6073, 0.3119



0.5983, 0.5624, 0.2872

Previews

White Background



This preview shows how the Yxy color 36.2018, 0.3790, 0.3109 looks on a white background.

Color Contrast Check

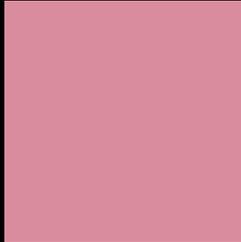
Large Text (above 18pt) WCAG AA × Fail

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 36.2018, 0.3790, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

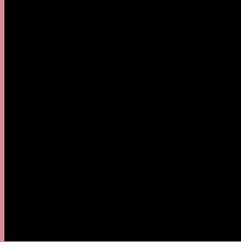
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2018, 0.3790, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 36.2018, 0.3790, 0.3109.



This preview shows how white text looks on a background with the Yxy color 36.2018, 0.3790, 0.3109.

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

36.2018, 0.3790, 0.3109

Protanopia

36.5603, 0.3094, 0.3204

Deuteranopia

36.3589, 0.3414, 0.3346



Tritanopia

36.3647, 0.3831, 0.3170

Trichromacy



Original Color

36.2018, 0.3790, 0.3109

Protanomaly

35.8588, 0.3323, 0.3154

Deuteranomaly

36.0684, 0.3552, 0.3251

Tritanomaly

36.3976, 0.3820, 0.3157

Monochromacy



Original Color

36.2018, 0.3790, 0.3109

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5759, 0.3349, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2018, 0.3790, 0.3109 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, 141, 156)` looks like.

```
.text, #text, p{  
    color:rgb(217, 141, 156)  
}
```

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, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 141, 156) }
```

Border

The CSS property to change the border of an element to Yxy 36.2018, 0.3790, 0.3109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

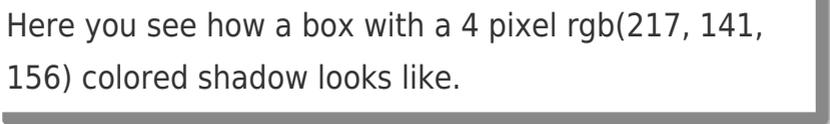
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 141, 156) }
```

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

```
.border{ border-color:rgb(217, 141, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 141, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 141, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 141, 156);  
box-shadow:4px 4px 4px 4px rgb(217, 141,  
156) }
```

Background

The CSS property to change the background color of an element to Yxy 36.2018, 0.3790, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 141, 156) }
```

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

```
.background{ background-color: rgb(217,  
141, 156) }
```

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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