

Converting Colors

$Yxy(48.9927, 0.3708, 0.3123)$

Have a look what the booklet for
Yxy(48.9927, 0.3708, 0.3123)
contains.

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Color

Yxy(49.0828, 0.3715, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	F2A5B4
RGB	242, 165, 180
RGB Percent	95%, 65%, 71%
CMY	0.0509, 0.3529, 0.2942
CMYK	0.00, 0.32, 0.26, 0.05
HSL	348°, 75%, 80%
HSV	348°, 32%, 95%
XYZ	58.3123, 49.0828, 49.5694
YIQ	189.7330, 41.0770, 20.9890

Conversions

Conversions Part 2

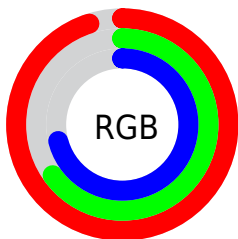
Format	Color
R_{YB}	242, 165, 180
Decimal	15902132
CIE _{Lab}	75.50, 30.45, 3.91
CIE _{LCh}	76, 30.699, 7.313
Yxy	49.0828, 0.3715, 0.3127
Android (android.graphics.Color)	4294092212 (0xFFFF2A5B4)
YUV	189.7330, -4.7984, 45.8382
Hunter-Lab	70.0591, 25.9675, 7.0915

Details

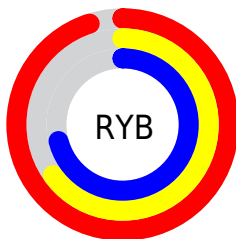
The Yxy color **49.0828, 0.3715, 0.3127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.0584, 0.2747, 0.3463**, and the grayscale version is **51.3423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0290, 0.3269, 0.3142**, and **23.3110, 0.3881, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **40.4258, 0.3994, 0.3075**, and if you desaturate by 10%, it is **59.5080, 0.3486, 0.3180**.

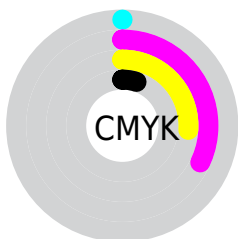
Distribution



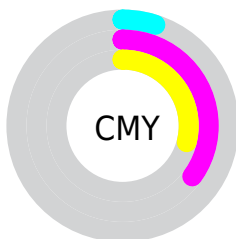
- Red (95%)
- Green (65%)
- Blue (71%)



- Red (95%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0828, 0.3715, 0.3127 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 49.0828, 0.3715, 0.3127 by changing the saturation by 10% instead.


 49.0828, 0.3715,
0.3127


 49.0828, 0.3715,
0.3127


383.0682, 0.3422,
0.3211

 34.6852, 0.3788,
0.3105


 88.8144, 0.3609,
0.3158

 23.4205, 0.3880,
0.3077


 114.9172, 0.3569,
0.3169

 14.9043, 0.4003,
0.3040


145.6905, 0.3535,
0.3179

 8.7522, 0.4173,
0.2986

181.5186, 0.3506,
0.3187

 4.5799, 0.4424,
0.2904

222.7861, 0.3481,
0.3194

 2.0030, 0.4825,
0.2767

269.8773, 0.3459,

 0.6092, 0.5869,

0.3201

0.2518

323.1765, 0.3440,
0.3206

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0828, 0.3715,
0.3127

49.0828, 0.3715,
0.3127

40.4258, 0.3994,
0.3075

59.5080, 0.3486,
0.3180

33.4318, 0.4328,
0.3031

71.7848, 0.3301,
0.3232

27.9957, 0.4712,
0.3001

85.9997, 0.3151,
0.3281

23.9969, 0.5129,
0.2995

97.6192, 0.3048,
0.3290

■ 21.2974, 0.5541,
0.3021

■ 19.7314, 0.5899,
0.3082

■ 19.0850, 0.6124,
0.3147

Harmonies

Analogous

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



49.0828, 0.3322, 0.2838



49.0828, 0.3715, 0.3127



49.0828, 0.3945, 0.3466

Triad

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



49.0828, 0.3715, 0.3127



49.0828, 0.3316, 0.4033



49.0828, 0.2374, 0.2737

Complementary

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



49.0828, 0.3715, 0.3127



77.0584, 0.2747, 0.3463

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.



49.0828, 0.2373, 0.3025



49.0828, 0.3715, 0.3127



49.0828, 0.2899, 0.3814

Square

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



49.0828, 0.3715, 0.3127



49.0828, 0.3698, 0.4008



49.0828, 0.2559, 0.3426



49.0828, 0.2558, 0.2612

Rectangle

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



49.0828, 0.3715, 0.3127



49.0828, 0.3965, 0.3687



49.0828, 0.2559, 0.3426



49.0828, 0.2353, 0.2816

Sweetspot

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



49.0851, 0.3715, 0.3127



83.5427, 0.3271, 0.3242



49.5904, 0.3037, 0.2467



17.4249, 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.



49.0851, 0.3715, 0.3127



48.9200, 0.3884, 0.3094



57.6075, 0.3779, 0.3545



15.8091, 0.3263, 0.3244



10.2666, 0.6088, 0.3128



0.8676, 0.5739, 0.2935

Inverse Universe

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



49.0851, 0.3715, 0.3127



48.9200, 0.3884, 0.3094



65.0266, 0.2639, 0.3018



15.8091, 0.3263, 0.3244



10.2666, 0.6088, 0.3128



0.8676, 0.5739, 0.2935

Previews

White Background



This preview shows how the Yxy color 49.0828, 0.3715, 0.3127 looks on a white background.

Color Contrast Check

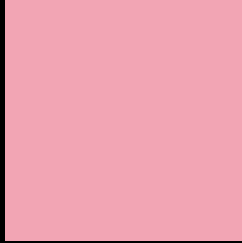
Large Text (above 18pt) WCAG AA × Fail

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 49.0828, 0.3715, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

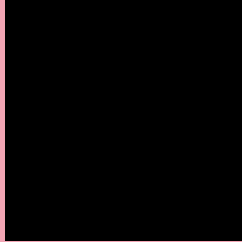
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0828, 0.3715, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 49.0828, 0.3715, 0.3127.



This preview shows how white text looks on a background with the Yxy color 49.0828, 0.3715, 0.3127.

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

49.0828, 0.3715, 0.3127

Protanopia

49.1951, 0.3098, 0.3202

Deuteranopia

49.2267, 0.3398, 0.3327



Tritanopia

49.0019, 0.3734, 0.3149

Trichromacy



Original Color

49.0828, 0.3715, 0.3127

Protanomaly

48.8815, 0.3308, 0.3170

Deuteranomaly

49.0899, 0.3507, 0.3256

Tritanomaly

49.0422, 0.3724, 0.3138

Monochromacy



Original Color

49.0828, 0.3715, 0.3127

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.1482, 0.3329, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0828, 0.3715, 0.3127 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(242, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 180)  
}
```

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(242, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.0828, 0.3715, 0.3127 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(242, 165, 180) }
```

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

```
.border{ border-color:rgb(242, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(242, 165,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0828, 0.3715, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 180) }
```

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

```
.background{ background-color: rgb(242,  
165, 180) }
```

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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