

Converting Colors

$Yxy(40.1868, 0.3692, 0.3219)$

Have a look what the booklet for
Yxy(40.1868, 0.3692, 0.3219)
contains.

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Color

Yxy(40.2482, 0.3696, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	D89AA0
RGB	216, 154, 160
RGB Percent	85%, 60%, 63%
CMY	0.1528, 0.3961, 0.3725
CMYK	0.00, 0.29, 0.26, 0.15
HSL	354°, 44%, 73%
HSV	354°, 29%, 85%
XYZ	46.2266, 40.2482, 38.5972
YIQ	173.2220, 35.0260, 15.0100

Conversions

Conversions Part 2

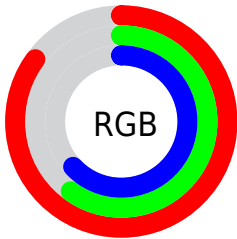
Format	Color
R _Y B	216, 154, 160
Decimal	14195360
CIE Lab	69.65, 24.04, 6.12
CIE LCh	70, 24.810, 14.281
Yxy	40.2482, 0.3696, 0.3218
Android (android.graphics.Color)	4292385440 (0xFFD89AA0)
YUV	173.2220, -6.5184, 37.5163
Hunter-Lab	63.4415, 19.0415, 8.3375

Details

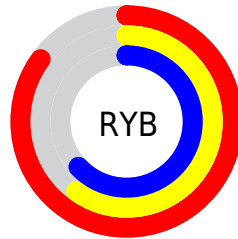
The Yxy color **40.2482, 0.3696, 0.3218** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.6480, 0.2748, 0.3365**, and the grayscale version is **41.9307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7672, 0.3434, 0.3230**, and **18.0805, 0.3869, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **33.1198, 0.3991, 0.3193**, and if you desaturate by 10%, it is **48.7706, 0.3456, 0.3244**.

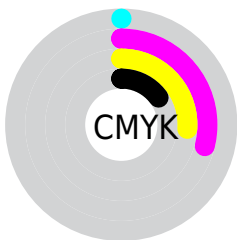
Distribution



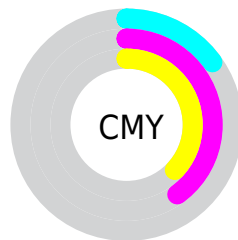
- Red (85%)
- Green (60%)
- Blue (63%)



- Red (85%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2482, 0.3696, 0.3218 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 40.2482, 0.3696, 0.3218 by changing the saturation by 10% instead.


 40.2482, 0.3696,
0.3218


 40.2482, 0.3696,
0.3218


347.1686, 0.3403,
0.3259

 27.7321, 0.3772,
0.3206


 75.5413, 0.3587,
0.3234

 18.1238, 0.3872,
0.3189


 99.0871, 0.3547,
0.3240

 11.0389, 0.4007,
0.3165


127.0783, 0.3513,
0.3245

 6.0930, 0.4201,
0.3128

159.8993, 0.3485,
0.3249

 2.9017, 0.4503,
0.3063

197.9344, 0.3460,
0.3252

 1.0806, 0.5052,
0.2945


241.5680, 0.3438,


 0.0000, 1.0000,


0.3255


0.0000

291.1846, 0.3419,
0.3257


 0.0000, 0.0000,
0.0000

 40.2482, 0.3696,
0.3218

 40.2482, 0.3696,
0.3218


 33.1198, 0.3991,
0.3193


 48.7706, 0.3456,
0.3244


 27.3060, 0.4347,
0.3170


 58.7497, 0.3264,
0.3269


 22.7278, 0.4760,
0.3155

 70.2513, 0.3109,
0.3293

 19.2959, 0.5210,
0.3152

 83.3354, 0.2985,
0.3315

 16.9086, 0.5653,
0.3167

 93.3431, 0.2894,
0.3289

■ 15.4462, 0.6027,
0.3200

■ 14.7271, 0.6278,
0.3242

■ 14.6571, 0.6303,
0.3246

Harmonies

Analogous

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



40.2482, 0.3382, 0.2949



40.2482, 0.3696, 0.3218



40.2482, 0.3849, 0.3517

Triad

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



40.2482, 0.3696, 0.3218



40.2482, 0.3209, 0.3900



40.2482, 0.2494, 0.2773

Complementary

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



40.2482, 0.3696, 0.3218



60.6480, 0.2748, 0.3365

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.



40.2482, 0.2456, 0.2995



40.2482, 0.3696, 0.3218



40.2482, 0.2854, 0.3670

Square

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



40.2482, 0.3696, 0.3218



40.2482, 0.3555, 0.3933



40.2482, 0.2583, 0.3326



40.2482, 0.2691, 0.2695

Rectangle

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



40.2482, 0.3696, 0.3218



40.2482, 0.3835, 0.3702



40.2482, 0.2583, 0.3326



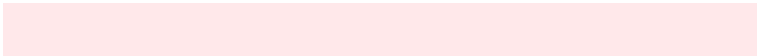
40.2482, 0.2463, 0.2832

Sweetspot

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



40.2501, 0.3696, 0.3218



84.9580, 0.3270, 0.3268



41.7434, 0.3104, 0.2567



17.7011, 0.3296, 0.3265



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.



40.2501, 0.3696, 0.3218



52.5394, 0.3854, 0.3204



49.0982, 0.3674, 0.3591



12.4402, 0.3276, 0.3268



8.6803, 0.6281, 0.3234



0.5304, 0.5966, 0.3060

Inverse Universe

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



40.2501, 0.3696, 0.3218



52.5394, 0.3854, 0.3204



49.1830, 0.2679, 0.2968



12.4402, 0.3276, 0.3268



8.6803, 0.6281, 0.3234



0.5304, 0.5966, 0.3060

Previews

White Background



This preview shows how the Yxy color 40.2482, 0.3696, 0.3218 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 40.2482, 0.3696, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

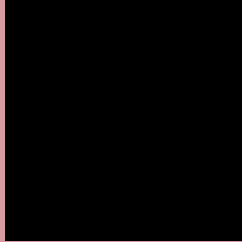
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2482, 0.3696, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 40.2482, 0.3696, 0.3218.



This preview shows how white text looks on a background with the Yxy color 40.2482, 0.3696, 0.3218.

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

40.2482, 0.3696, 0.3218

Protanopia

40.6127, 0.3172, 0.3304

Deuteranopia

40.5854, 0.3448, 0.3383



Tritanopia

40.2508, 0.3658, 0.3146

Trichromacy



Original Color

40.2482, 0.3696, 0.3218

Protanomaly

40.1229, 0.3347, 0.3264

Deuteranomaly

40.4104, 0.3537, 0.3317

Tritanomaly

40.1785, 0.3678, 0.3170

Monochromacy



Original Color

40.2482, 0.3696, 0.3218

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9184, 0.3326, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2482, 0.3696, 0.3218 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(216, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(216, 154, 160)  
}
```

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(216, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 154, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.2482, 0.3696, 0.3218 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(216, 154, 160) }
```

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

```
.border{ border-color:rgb(216, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(216, 154,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2482, 0.3696, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 154, 160) }
```

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

```
.background{ background-color: rgb(216,  
154, 160) }
```

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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