

Converting Colors

$Y_{xy}(40.3277, 0.3702, 0.3218)$

Have a look what the booklet for
Yxy(40.3277, 0.3702, 0.3218)
contains.

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Color

Yxy(40.4010, 0.3706, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	D99AA0
RGB	217, 154, 160
RGB Percent	85%, 60%, 63%
CMY	0.1490, 0.3960, 0.3726
CMYK	0.00, 0.29, 0.26, 0.15
HSL	354°, 45%, 73%
HSV	354°, 29%, 85%
XYZ	46.5132, 40.4010, 38.5937
YIQ	173.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

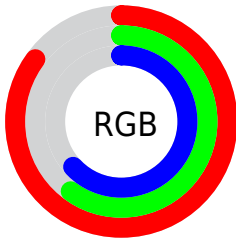
Format	Color
R _{YB}	217, 154, 160
Decimal	14260896
CIE Lab	69.75, 24.39, 6.31
CIE LCh	70, 25.191, 14.509
Yxy	40.4010, 0.3706, 0.3219
Android (android.graphics.Color)	4292450976 (0xFFD99AA0)
YUV	173.5210, -6.6659, 38.1311
Hunter-Lab	63.5618, 19.3896, 8.4933

Details

The Yxy color **40.4010, 0.3706, 0.3219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.1987, 0.2743, 0.3364**, and the grayscale version is **42.0906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7672, 0.3434, 0.3230**, and **18.1839, 0.3883, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **33.2413, 0.4004, 0.3194**, and if you desaturate by 10%, it is **48.9679, 0.3464, 0.3245**.

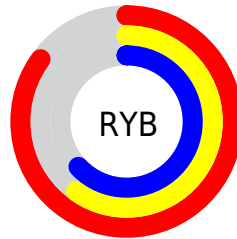
Distribution



Red (85%)

Green (60%)

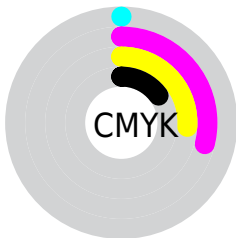
Blue (63%)



Red (85%)

Yellow (60%)

Blue (63%)

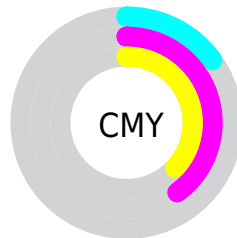


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4010, 0.3706, 0.3219 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 40.4010, 0.3706, 0.3219 by changing the saturation by 10% instead.


 40.4010, 0.3706,
0.3219

 40.4010, 0.3706,
0.3219


347.8108, 0.3408,
0.3260

 27.8513, 0.3783,
0.3207


 75.7738, 0.3595,
0.3235

 18.2136, 0.3884,
0.3190


 99.3656, 0.3555,
0.3241

 11.1035, 0.4022,
0.3166


127.4070, 0.3520,
0.3246

 6.1365, 0.4219,
0.3129

160.2824, 0.3491,
0.3249

 2.9282, 0.4524,
0.3063

198.3760, 0.3466,
0.3253

 1.0944, 0.5079,
0.2945

242.0724, 0.3444,


 0.0000, 1.0000,


0.3256


0.0000

291.7559, 0.3425,
0.3258


 0.0000, 0.0000,
0.0000


 40.4010, 0.3706,
0.3219


 40.4010, 0.3706,
0.3219


 33.2413, 0.4004,
0.3194

 48.9679, 0.3464,
0.3245


 27.4081, 0.4363,
0.3173


 59.0055, 0.3270,
0.3269

 22.8216, 0.4779,
0.3158

 70.5805, 0.3113,
0.3292

 19.3907, 0.5230,
0.3156

 83.7538, 0.2988,
0.3313

 17.0123, 0.5673,
0.3171

 93.4909, 0.2900,
0.3289

■ 15.5645, 0.6043,
0.3204

■ 14.8566, 0.6288,
0.3245

■ 14.8035, 0.6307,
0.3248

Harmonies

Analogous

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



40.4010, 0.3389, 0.2946



40.4010, 0.3706, 0.3219



40.4010, 0.3860, 0.3522

Triad

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



40.4010, 0.3706, 0.3219



40.4010, 0.3207, 0.3908



40.4010, 0.2487, 0.2764

Complementary

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



40.4010, 0.3706, 0.3219



61.1987, 0.2743, 0.3364

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.



40.4010, 0.2446, 0.2989



40.4010, 0.3706, 0.3219



40.4010, 0.2848, 0.3674

Square

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



40.4010, 0.3706, 0.3219



40.4010, 0.3558, 0.3942



40.4010, 0.2574, 0.3324



40.4010, 0.2687, 0.2687

Rectangle

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



40.4010, 0.3706, 0.3219



40.4010, 0.3844, 0.3709



40.4010, 0.2574, 0.3324



40.4010, 0.2454, 0.2824

Sweetspot

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



40.4029, 0.3706, 0.3219



84.9548, 0.3271, 0.3269



41.9283, 0.3104, 0.2559



17.7003, 0.3297, 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.



40.4029, 0.3706, 0.3219



51.5057, 0.3886, 0.3203



49.4065, 0.3682, 0.3594



13.0715, 0.3277, 0.3268



8.9686, 0.6287, 0.3237



0.5881, 0.5994, 0.3075

Inverse Universe

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



40.4029, 0.3706, 0.3219



51.5057, 0.3886, 0.3203



49.4926, 0.2674, 0.2964



13.0715, 0.3277, 0.3268



8.9686, 0.6287, 0.3237



0.5881, 0.5994, 0.3075

Previews

White Background



This preview shows how the Yxy color 40.4010, 0.3706, 0.3219 looks on a white background.

Color Contrast Check

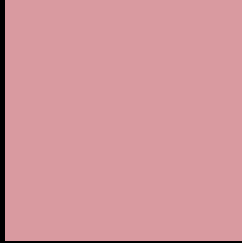
Large Text (above 18pt) WCAG AA × Fail

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 40.4010, 0.3706, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

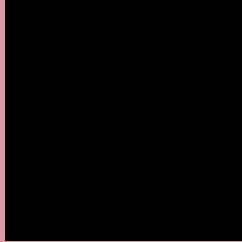
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4010, 0.3706, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 40.4010, 0.3706, 0.3219.



This preview shows how white text looks on a background with the Yxy color 40.4010, 0.3706, 0.3219.

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

40.4010, 0.3706, 0.3219

Protanopia

40.6127, 0.3172, 0.3304

Deuteranopia

40.5854, 0.3448, 0.3383



Tritanopia

40.4045, 0.3668, 0.3146

Trichromacy



Original Color

40.4010, 0.3706, 0.3219

Protanomaly

40.2512, 0.3357, 0.3264

Deuteranomaly

40.4104, 0.3537, 0.3317

Tritanomaly

40.3322, 0.3688, 0.3171

Monochromacy



Original Color

40.4010, 0.3706, 0.3219

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4492, 0.3325, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4010, 0.3706, 0.3219 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, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 154, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.4010, 0.3706, 0.3219 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, 154, 160) }
```

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

```
.border{ border-color:rgb(217, 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(217, 154, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(217, 154,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4010, 0.3706, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 154, 160) }
```

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

```
.background{ background-color: rgb(217,  
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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