

Converting Colors

$Yxy(49.0866, 0.3528, 0.3171)$

Have a look what the booklet for
Yxy(49.0866, 0.3528, 0.3171)
contains.

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Color

Yxy(49.0512, 0.3532, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACB6
RGB	226, 172, 182
RGB Percent	89%, 67%, 71%
CMY	0.1139, 0.3254, 0.2863
CMYK	0.00, 0.24, 0.19, 0.11
HSL	349°, 48%, 78%
HSV	349°, 24%, 89%
XYZ	54.5494, 49.0512, 50.8427
YIQ	189.2860, 28.9740, 14.5580

Conversions

Conversions Part 2

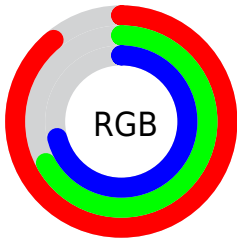
Format	Color
RYB	226, 172, 182
Decimal	14855350
CIELab	75.48, 21.19, 2.57
CIELCh	75, 21.346, 6.908
Yxy	49.0512, 0.3532, 0.3176
Android (android.graphics.Color)	4293045430 (0xFFE2ACB6)
YUV	189.2860, -3.5920, 32.1982
Hunter-Lab	70.0366, 16.4643, 5.9843

Details

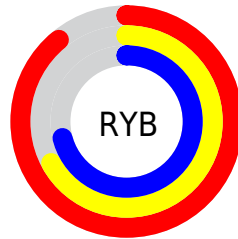
The Yxy color **49.0512, 0.3532, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.1012, 0.2832, 0.3408**, and the grayscale version is **51.0694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9199, 0.3250, 0.3192**, and **23.3247, 0.3652, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **40.4577, 0.3772, 0.3126**, and if you desaturate by 10%, it is **59.2118, 0.3337, 0.3226**.

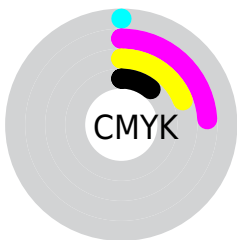
Distribution



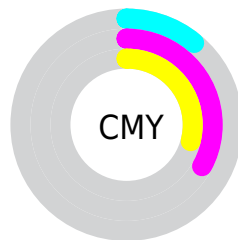
- Red (89%)
- Green (67%)
- Blue (71%)



- Red (89%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0512, 0.3532, 0.3176 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 49.0512, 0.3532, 0.3176 by changing the saturation by 10% instead.

 49.0512, 0.3532,
0.3176

 49.0512, 0.3532,
0.3176

382.9438, 0.3331,
0.3234

 34.6601, 0.3582,
0.3161


 88.7675, 0.3459,
0.3197

 23.4012, 0.3646,
0.3142

114.8615, 0.3432,
0.3205

 14.8900, 0.3731,
0.3116


145.6252, 0.3408,
0.3212

 8.7422, 0.3849,
0.3080


181.4431, 0.3388,
0.3218

 4.5734, 0.4023,
0.3025

222.6995, 0.3371,
0.3223

 1.9992, 0.4307,
0.2932

269.7788, 0.3356,

 0.6070, 0.5072,

0.3227

0.2748

323.0655, 0.3342,
0.3231

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0512, 0.3532,
0.3176

49.0512, 0.3532,
0.3176

40.4577, 0.3772,
0.3126

59.2118, 0.3337,
0.3226

33.3466, 0.4065,
0.3078

71.0050, 0.3180,
0.3273

27.6357, 0.4412,
0.3038

84.5009, 0.3052,
0.3316

23.2319, 0.4807,
0.3013

94.9021, 0.2952,
0.3289

■ 20.0309, 0.5229,
0.3013

■ 17.9121, 0.5636,
0.3046

■ 16.7297, 0.5977,
0.3110

■ 16.3275, 0.6140,
0.3156

Harmonies

Analogous

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



49.0512, 0.3262, 0.2966



49.0512, 0.3532, 0.3176



49.0512, 0.3692, 0.3420

Triad

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



49.0512, 0.3532, 0.3176



49.0512, 0.3269, 0.3798



49.0512, 0.2591, 0.2907

Complementary

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



49.0512, 0.3532, 0.3176



68.1012, 0.2832, 0.3408

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.



49.0512, 0.2594, 0.3116



49.0512, 0.3532, 0.3176



49.0512, 0.2976, 0.3650

Square

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



49.0512, 0.3532, 0.3176



49.0512, 0.3533, 0.3790



49.0512, 0.2732, 0.3392



49.0512, 0.2724, 0.2810

Rectangle

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



49.0512, 0.3532, 0.3176



49.0512, 0.3710, 0.3576



49.0512, 0.2732, 0.3392



49.0512, 0.2577, 0.2966

Sweetspot

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



49.0534, 0.3532, 0.3176



88.2332, 0.3226, 0.3258



49.4762, 0.3065, 0.2681



18.6795, 0.3235, 0.3255



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.



49.0534, 0.3532, 0.3176



58.2553, 0.3654, 0.3149



55.1956, 0.3580, 0.3477



13.7417, 0.3263, 0.3247



9.3314, 0.6107, 0.3138



0.6590, 0.5693, 0.2910

Inverse Universe

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



49.0534, 0.3532, 0.3176



58.2553, 0.3654, 0.3149



60.2460, 0.2760, 0.3094



13.7417, 0.3263, 0.3247



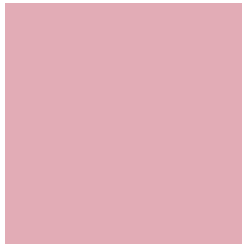
9.3314, 0.6107, 0.3138



0.6590, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 49.0512, 0.3532, 0.3176 looks on a white background.

Color Contrast Check

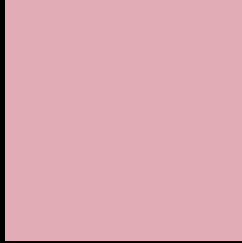
Large Text (above 18pt) WCAG AA × Fail

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 49.0512, 0.3532, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

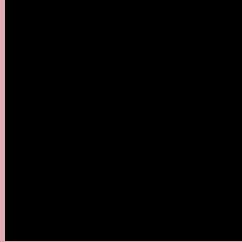
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0512, 0.3532, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 49.0512, 0.3532, 0.3176.



This preview shows how white text looks on a background with the Yxy color 49.0512, 0.3532, 0.3176.

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

49.0512, 0.3532, 0.3176

Protanopia

49.2344, 0.3122, 0.3227

Deuteranopia

49.0596, 0.3355, 0.3291



Tritanopia

49.1766, 0.3505, 0.3141

Trichromacy



Original Color

49.0512, 0.3532, 0.3176

Protanomaly

48.7869, 0.3261, 0.3204

Deuteranomaly

48.9266, 0.3414, 0.3243

Tritanomaly

49.1345, 0.3514, 0.3153

Monochromacy



Original Color

49.0512, 0.3532, 0.3176

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.9687, 0.3266, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0512, 0.3532, 0.3176 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(226, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 182)  
}
```

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(226, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.0512, 0.3532, 0.3176 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(226, 172, 182) }
```

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

```
.border{ border-color:rgb(226, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0512, 0.3532, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 182) }
```

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

```
.background{ background-color: rgb(226,  
172, 182) }
```

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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