

Converting Colors

$Yxy(49.4412, 0.3533, 0.3058)$

Have a look what the booklet for
Yxy(49.4412, 0.3533, 0.3058)
contains.

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Color

Yxy(49.4173, 0.3529, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	E9A9BE
RGB	233, 169, 190
RGB Percent	91%, 66%, 75%
CMY	0.0863, 0.3372, 0.2548
CMYK	0.00, 0.27, 0.18, 0.09
HSL	340°, 59%, 79%
HSV	340°, 27%, 91%
XYZ	57.0847, 49.4173, 55.2568
YIQ	190.5300, 31.4030, 20.0990

Conversions

Conversions Part 2

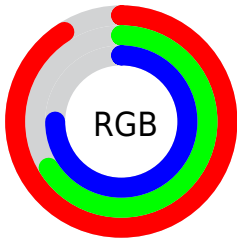
Format	Color
R _Y B	233, 169, 190
Decimal	15313342
CIE Lab	75.71, 26.55, -1.41
CIE LCh	76, 26.590, 356.966
Yxy	49.4173, 0.3529, 0.3055
Android (android.graphics.Color)	4293503422 (0xFFE9A9BE)
YUV	190.5300, -0.2613, 37.2462
Hunter-Lab	70.2974, 21.9295, 2.6037

Details

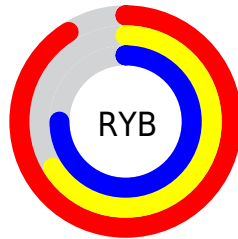
The Yxy color $49.4173, 0.3529, 0.3055$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $71.4580, 0.2842, 0.3540$, and the grayscale version is $51.8037, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7642, 0.3199, 0.3085$, and $23.5270, 0.3634, 0.2982$ is the 20% darker color. If you saturate the color by 10%, you get $40.8608, 0.3739, 0.2966$, and if you desaturate by 10%, it is $59.5963, 0.3356, 0.3144$.

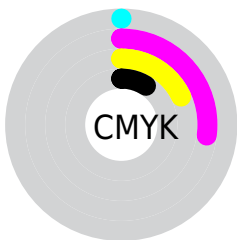
Distribution



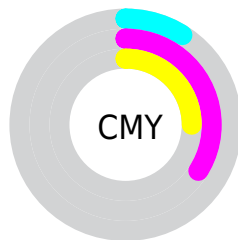
- Red (91%)
- Green (66%)
- Blue (75%)



- Red (91%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (9%)




- Cyan (9%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4173, 0.3529, 0.3055 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 49.4173, 0.3529, 0.3055 by changing the saturation by 10% instead.


 49.4173, 0.3529,
0.3055

 49.4173, 0.3529,
0.3055

384.3828, 0.3331,
0.3171

 34.9506, 0.3578,
0.3027


 89.3109, 0.3457,
0.3097

 23.6248, 0.3640,
0.2991


 115.5067, 0.3430,
0.3112

 15.0556, 0.3722,
0.2944


146.3809, 0.3407,
0.3126

 8.8584, 0.3835,
0.2879

182.3179, 0.3388,
0.3137

 4.6489, 0.4001,
0.2785

223.7023, 0.3371,
0.3147

 2.0428, 0.4267,
0.2636

270.9183, 0.3356,

 0.6322, 0.4816,

0.3156

0.2310

324.3503, 0.3342,
0.3164

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4173, 0.3529,
0.3055

49.4173, 0.3529,
0.3055

40.8608, 0.3739,
0.2966

59.5963, 0.3356,
0.3144

33.8357, 0.3989,
0.2882

71.4692, 0.3215,
0.3230

28.2523, 0.4283,
0.2811

85.1113, 0.3100,
0.3310

24.0084, 0.4612,
0.2766

95.9081, 0.3007,
0.3313

■ 20.9888, 0.4964,
0.2759

■ 96.0612, 0.2993,
0.3290

■ 19.0579, 0.5311,
0.2799

■ 18.0363, 0.5622,
0.2887

■ 17.8503, 0.5696,
0.2911

Harmonies

Analogous

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



49.4173, 0.3168, 0.2827



49.4173, 0.3529, 0.3055



49.4173, 0.3785, 0.3344

Triad

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



49.4173, 0.3529, 0.3055



49.4173, 0.3417, 0.3945



49.4173, 0.2451, 0.2884

Complementary

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



49.4173, 0.3529, 0.3055



71.4580, 0.2842, 0.3540

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.



49.4173, 0.2509, 0.3178



49.4173, 0.3529, 0.3055



49.4173, 0.3054, 0.3825

Square

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



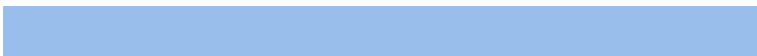
49.4173, 0.3529, 0.3055



49.4173, 0.3712, 0.3864



49.4173, 0.2725, 0.3532



49.4173, 0.2559, 0.2721

Rectangle

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



49.4173, 0.3529, 0.3055



49.4173, 0.3853, 0.3543



49.4173, 0.2725, 0.3532



49.4173, 0.2452, 0.2970

Sweetspot

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



49.4196, 0.3529, 0.3055



86.8167, 0.3223, 0.3225



48.2087, 0.2982, 0.2570



18.0854, 0.3242, 0.3212



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.



49.4196, 0.3529, 0.3055



54.4289, 0.3644, 0.3004



52.6967, 0.3692, 0.3413



15.1356, 0.3241, 0.3213



10.1504, 0.5656, 0.2889



0.8142, 0.5265, 0.2674

Inverse Universe

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



49.4196, 0.3529, 0.3055



54.4289, 0.3644, 0.3004



66.7328, 0.2715, 0.3163



15.1356, 0.3241, 0.3213



10.1504, 0.5656, 0.2889



0.8142, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 49.4173, 0.3529, 0.3055 looks on a white background.

Color Contrast Check

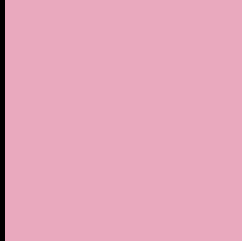
Large Text (above 18pt) WCAG AA × Fail

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 49.4173, 0.3529, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

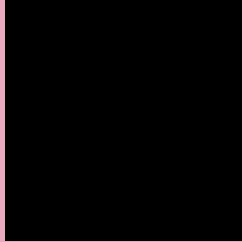
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4173, 0.3529, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 49.4173, 0.3529, 0.3055.



This preview shows how white text looks on a background with the Yxy color 49.4173, 0.3529, 0.3055.

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

49.4173, 0.3529, 0.3055

Protanopia

49.7270, 0.3021, 0.3115

Deuteranopia

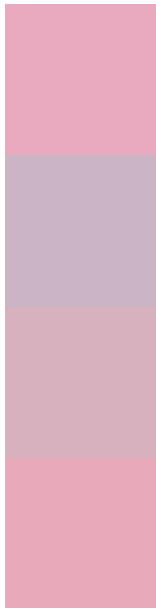
49.5160, 0.3269, 0.3205



Tritanopia

49.3242, 0.3582, 0.3144

Trichromacy



Original Color

49.4173, 0.3529, 0.3055

Protanomaly

49.3245, 0.3196, 0.3096

Deuteranomaly

49.5655, 0.3362, 0.3149

Tritanomaly

49.4504, 0.3555, 0.3110

Monochromacy



Original Color

49.4173, 0.3529, 0.3055

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7504, 0.3259, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4173, 0.3529, 0.3055 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(233, 169, 190)` looks like.

```
.text, #text, p{  
    color:rgb(233, 169, 190)  
}
```

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(233, 169, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 169, 190) }
```

Border

The CSS property to change the border of an element to Yxy 49.4173, 0.3529, 0.3055 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(233, 169, 190) }
```

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

```
.border{ border-color:rgb(233, 169, 190) }
```

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

Here you see how a box with a 4 pixel rgb(233, 169, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 169, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 169, 190);  
box-shadow:4px 4px 4px 4px rgb(233, 169,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4173, 0.3529, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 169, 190) }
```

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

```
.background{ background-color: rgb(233,  
169, 190) }
```

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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