

Converting Colors

$Y_{xy}(49.6795, 0.3939, 0.3551)$

Have a look what the booklet for
Yxy(49.6795, 0.3939, 0.3551)
contains.

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Color

Yxy(49.6795, 0.3939, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	EDAC95
RGB	237, 172, 149
RGB Percent	93%, 67%, 58%
CMY	0.0705, 0.3255, 0.4157
CMYK	0.00, 0.27, 0.37, 0.07
HSL	16°, 71%, 76%
HSV	16°, 37%, 93%
XYZ	55.1077, 49.6795, 35.1156
YIQ	188.8130, 46.1230, 6.6270

Conversions

Conversions Part 2

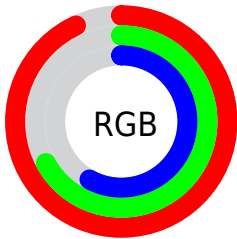
Format	Color
RYB	237, 180, 149
Decimal	15576213
CIELab	75.87, 20.93, 21.25
CIELCh	76, 29.822, 45.432
Yxy	49.6795, 0.3939, 0.3551
Android (android.graphics.Color)	4293766293 (0xFFEDAC95)
YUV	188.8130, -19.6278, 42.2600
Hunter-Lab	70.4837, 16.2139, 19.7998

Details

The Yxy color **49.6795, 0.3939, 0.3551** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.6091, 0.2568, 0.3009**, and the grayscale version is **50.8726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0586, 0.3487, 0.3543**, and **23.6592, 0.4167, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **42.7690, 0.4256, 0.3619**, and if you desaturate by 10%, it is **57.6269, 0.3667, 0.3478**.

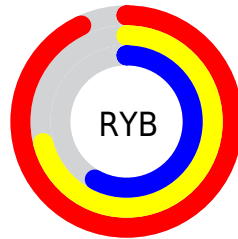
Distribution



Red (93%)

Green (67%)

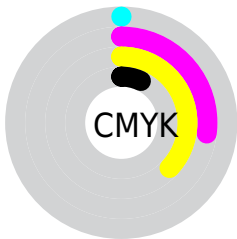
Blue (58%)



Red (93%)

Yellow (71%)

Blue (58%)

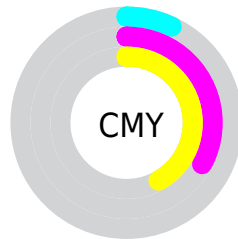


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6795, 0.3939, 0.3551 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 49.6795, 0.3939, 0.3551 by changing the saturation by 10% instead.


 49.6795, 0.3939,
0.3551


 49.6795, 0.3939,
0.3551

385.4113, 0.3534,
0.3435

 35.1588, 0.4039,
0.3575


 89.6998, 0.3792,
0.3513

 23.7852, 0.4166,
0.3603


 115.9683, 0.3737,
0.3497

 15.1744, 0.4333,
0.3634


146.9214, 0.3690,
0.3484

 8.9419, 0.4561,
0.3669

182.9436, 0.3650,
0.3472

 4.7033, 0.4886,
0.3699

224.4193, 0.3615,
0.3461

 2.0742, 0.5466,
0.3758

271.7329, 0.3585,

 0.6501, 0.6414,

0.3452

0.3586

325.2687, 0.3558,
0.3443

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.6795, 0.3939,
0.3551

49.6795, 0.3939,
0.3551

42.7690, 0.4256,
0.3619

57.6269, 0.3667,
0.3478

36.8448, 0.4614,
0.3676

66.6448, 0.3437,
0.3406

31.8626, 0.5001,
0.3710

76.7742, 0.3245,
0.3337

27.7715, 0.5390,
0.3709

88.0518, 0.3084,
0.3272

■ 24.5156, 0.5740,
0.3666

■ 96.7485, 0.3017,
0.3290

■ 22.0308, 0.6012,
0.3582

■ 21.4465, 0.6078,
0.3556

Harmonies

Analogous

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



49.6795, 0.3776, 0.3219



49.6795, 0.3939, 0.3551



49.6795, 0.3866, 0.3845

Triad

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



49.6795, 0.3939, 0.3551



49.6795, 0.2807, 0.3705



49.6795, 0.2651, 0.2628

Complementary

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



49.6795, 0.3939, 0.3551



60.6091, 0.2568, 0.3009

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.



49.6795, 0.2428, 0.2705



49.6795, 0.3939, 0.3551



49.6795, 0.2511, 0.3312

Square

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



49.6795, 0.3939, 0.3551



49.6795, 0.3200, 0.3972



49.6795, 0.2378, 0.2945



49.6795, 0.3012, 0.2709

Rectangle

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



49.6795, 0.3939, 0.3551



49.6795, 0.3700, 0.3977



49.6795, 0.2378, 0.2945



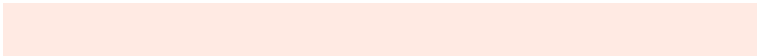
49.6795, 0.2559, 0.2636

Sweetspot

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



49.6819, 0.3939, 0.3551



85.8081, 0.3316, 0.3363



44.4089, 0.3366, 0.2579



18.0165, 0.3342, 0.3372



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.



49.6819, 0.3939, 0.3551



51.9979, 0.4190, 0.3607



68.7874, 0.3765, 0.4005



15.6940, 0.3286, 0.3352



11.8875, 0.6050, 0.3578



1.0857, 0.5779, 0.3793

Inverse Universe

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



60.6091, 0.2568, 0.3009



66.6765, 0.2459, 0.2937



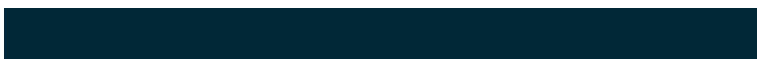
41.6314, 0.2488, 0.2451



16.4170, 0.2981, 0.3227



20.3174, 0.2006, 0.2421



1.7501, 0.2043, 0.2555

Previews

White Background



This preview shows how the Yxy color 49.6795, 0.3939, 0.3551 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 49.6795, 0.3939, 0.3551 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 49.6795, 0.3939, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 49.6795, 0.3939, 0.3551.



This preview shows how white text looks on a background with the Yxy color 49.6795, 0.3939, 0.3551.

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

49.6795, 0.3939, 0.3551

Protanopia

49.9467, 0.3470, 0.3683

Deuteranopia

49.8092, 0.3759, 0.3685



Tritanopia

49.8258, 0.3688, 0.3159

Trichromacy



Original Color

49.6795, 0.3939, 0.3551

Protanomaly

49.7529, 0.3636, 0.3645

Deuteranomaly

49.7512, 0.3826, 0.3630

Tritanomaly

49.5912, 0.3780, 0.3292

Monochromacy



Original Color

49.6795, 0.3939, 0.3551

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.0448, 0.3400, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6795, 0.3939, 0.3551 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(237, 172, 149)` looks like.

```
.text, #text, p{  
    color:rgb(237, 172, 149)  
}
```

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(237, 172, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 172, 149) }
```

Border

The CSS property to change the border of an element to Yxy 49.6795, 0.3939, 0.3551 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(237, 172, 149) }
```

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

```
.border{ border-color:rgb(237, 172, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 172, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 172, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 172, 149);  
box-shadow:4px 4px 4px 4px rgb(237, 172,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6795, 0.3939, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 172, 149) }
```

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

```
.background{ background-color: rgb(237,  
172, 149) }
```

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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