

Converting Colors

$Yxy(49.6958, 0.3994, 0.3606)$

Have a look what the booklet for
Yxy(49.6958, 0.3994, 0.3606)
contains.

Yxy(49.6958, 0.3994, 0.3606)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.6958, 0.3994, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	EEAC90
RGB	238, 172, 144
RGB Percent	93%, 67%, 56%
CMY	0.0667, 0.3254, 0.4353
CMYK	0.00, 0.28, 0.39, 0.07
HSL	18°, 73%, 75%
HSV	18°, 39%, 93%
XYZ	55.0430, 49.6958, 33.0754
YIQ	188.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

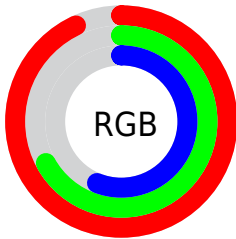
Format	Color
R _{YB}	238, 184, 144
Decimal	15641744
CIE Lab	75.88, 20.72, 23.97
CIE LCh	76, 31.687, 49.161
Yxy	49.6958, 0.3994, 0.3606
Android (android.graphics.Color)	4293831824 (0xFFEEAC90)
YUV	188.5420, -21.9592, 43.3747
Hunter-Lab	70.4952, 16.0069, 21.5286

Details

The Yxy color **49.6958, 0.3994, 0.3606** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58.1811, 0.2529, 0.2944**, and the grayscale version is **50.7218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8240, 0.3521, 0.3595**, and **23.6873, 0.4243, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **43.0808, 0.4310, 0.3682**, and if you desaturate by 10%, it is **57.2683, 0.3719, 0.3524**.

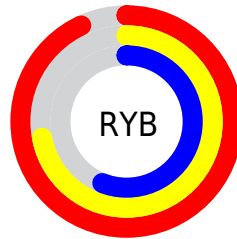
Distribution



Red (93%)

Green (67%)

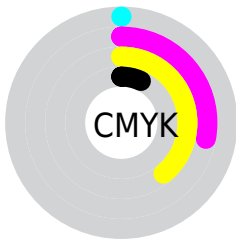
Blue (56%)



Red (93%)

Yellow (72%)

Blue (56%)

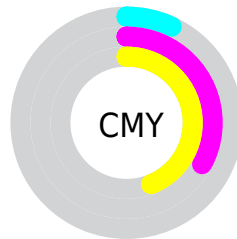


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6958, 0.3994, 0.3606 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 49.6958, 0.3994, 0.3606 by changing the saturation by 10% instead.


 49.6958, 0.3994,
0.3606


 49.6958, 0.3994,
0.3606


385.4751, 0.3562,
0.3466

 35.1717, 0.4100,
0.3635


 89.7240, 0.3838,
0.3559

 23.7952, 0.4235,
0.3669


 115.9969, 0.3779,
0.3540

 15.1818, 0.4411,
0.3708


146.9550, 0.3729,
0.3524

 8.9471, 0.4649,
0.3750

182.9825, 0.3686,
0.3509

 4.7067, 0.4985,
0.3786

224.4638, 0.3649,
0.3497

 2.0762, 0.5651,
0.3901

271.7835, 0.3616,

 0.6512, 0.6400,

0.3485

0.3600

325.3258, 0.3588,
0.3475

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.6958, 0.3994,
0.3606

49.6958, 0.3994,
0.3606

43.0808, 0.4310,
0.3682

57.2683, 0.3719,
0.3524

37.3769, 0.4663,
0.3743

65.8280, 0.3484,
0.3441

32.5443, 0.5036,
0.3777

75.4121, 0.3286,
0.3361

28.5371, 0.5403,
0.3772

86.0538, 0.3119,
0.3286

■ 25.3046, 0.5728,
0.3720

■ 96.9149, 0.3023,
0.3290

■ 22.7839, 0.5982,
0.3628

■ 22.6730, 0.5993,
0.3623

Harmonies

Analogous

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



49.6958, 0.3851, 0.3256



49.6958, 0.3994, 0.3606



49.6958, 0.3884, 0.3908

Triad

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



49.6958, 0.3994, 0.3606



49.6958, 0.2740, 0.3684



49.6958, 0.2663, 0.2593

Complementary

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



49.6958, 0.3994, 0.3606



58.1811, 0.2529, 0.2944

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.



49.6958, 0.2407, 0.2650



49.6958, 0.3994, 0.3606



49.6958, 0.2447, 0.3259

Square

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



49.6958, 0.3994, 0.3606



49.6958, 0.3149, 0.3995



49.6958, 0.2331, 0.2881



49.6958, 0.3057, 0.2697

Rectangle

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



49.6958, 0.3994, 0.3606



49.6958, 0.3692, 0.4036



49.6958, 0.2331, 0.2881



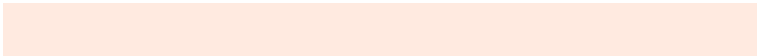
49.6958, 0.2560, 0.2593

Sweetspot

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



49.6982, 0.3994, 0.3606



85.2366, 0.3333, 0.3381



42.8419, 0.3415, 0.2565



17.9234, 0.3359, 0.3391



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.



49.6982, 0.3994, 0.3606



52.0911, 0.4233, 0.3665



70.1357, 0.3797, 0.4080



16.5267, 0.3286, 0.3361



12.8472, 0.5966, 0.3645



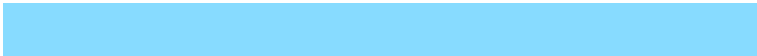
1.2359, 0.5708, 0.3850

Inverse Universe

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



58.1811, 0.2529, 0.2944



63.1913, 0.2423, 0.2864



38.7822, 0.2436, 0.2346



17.0870, 0.2981, 0.3218



19.1119, 0.1969, 0.2289



1.7625, 0.2010, 0.2436

Previews

White Background



This preview shows how the Yxy color 49.6958, 0.3994, 0.3606 looks on a white background.

Color Contrast Check

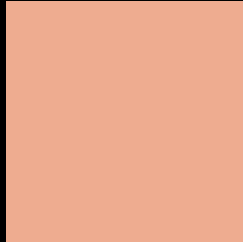
Large Text (above 18pt) WCAG AA × Fail

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 49.6958, 0.3994, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

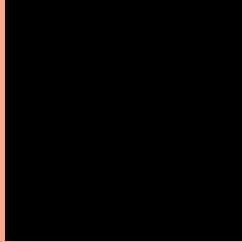
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6958, 0.3994, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 49.6958, 0.3994, 0.3606.



This preview shows how white text looks on a background with the Yxy color 49.6958, 0.3994, 0.3606.

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

49.6958, 0.3994, 0.3606

Protanopia

49.9171, 0.3520, 0.3746

Deuteranopia

49.8413, 0.3803, 0.3732



Tritanopia

49.6335, 0.3700, 0.3148

Trichromacy



Original Color

49.6958, 0.3994, 0.3606

Protanomaly

49.7401, 0.3688, 0.3705

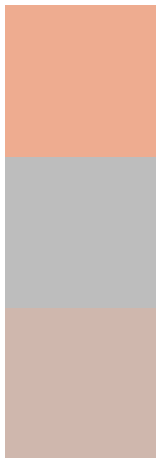
Deuteranomaly

49.7583, 0.3880, 0.3687

Tritanomaly

49.6912, 0.3808, 0.3314

Monochromacy



Original Color

49.6958, 0.3994, 0.3606

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1495, 0.3417, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6958, 0.3994, 0.3606 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(238, 172, 144)` looks like.

```
.text, #text, p{  
    color:rgb(238, 172, 144)  
}
```

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(238, 172, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 172, 144) }
```

Border

The CSS property to change the border of an element to Yxy 49.6958, 0.3994, 0.3606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

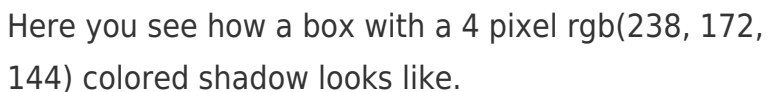
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 172, 144) }
```

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

```
.border{ border-color:rgb(238, 172, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 172, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 172, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 172, 144); box-shadow:4px 4px 4px 4px rgb(238, 172, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6958, 0.3994, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 172, 144) }
```

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

```
.background{ background-color: rgb(238,  
172, 144) }
```

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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