

Converting Colors

$Yxy(49.6576, 0.3426, 0.3554)$

Have a look what the booklet for
Yxy(49.6576, 0.3426, 0.3554)
contains.

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Color

Yxy(49.6576, 0.3426, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9A4
RGB	200, 185, 164
RGB Percent	78%, 73%, 64%
CMY	0.2157, 0.2745, 0.3568
CMYK	0.00, 0.07, 0.18, 0.22
HSL	35°, 25%, 71%
HSV	35°, 18%, 78%
XYZ	47.8691, 49.6576, 42.1964
YIQ	187.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

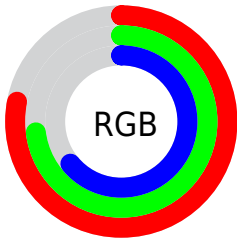
Format	Color
RYB	190, 200, 164
Decimal	13154724
CIELab	75.86, 1.87, 12.56
CIELCh	76, 12.700, 81.543
Yxy	49.6576, 0.3426, 0.3554
Android (android.graphics.Color)	4291344804 (0xFFC8B9A4)
YUV	187.0910, -11.3839, 11.3212
Hunter-Lab	70.4681, -2.0639, 13.8248

Details

The Yxy color $49.6576, 0.3426, 0.3554$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.3104, 0.2845, 0.3011$, and the grayscale version is $49.8083, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.2851, 0.3359, 0.3508$, and $23.7834, 0.3515, 0.3630$ is the 20% darker color. If you saturate the color by 10%, you get $45.6078, 0.3620, 0.3709$, and if you desaturate by 10%, it is $54.0299, 0.3252, 0.3404$.

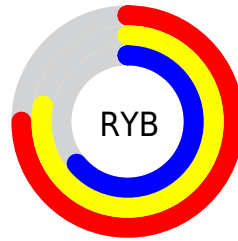
Distribution



Red (78%)

Green (73%)

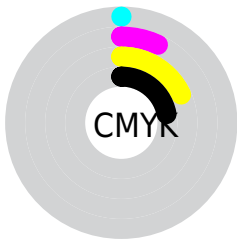
Blue (64%)



Red (75%)

Yellow (78%)

Blue (64%)

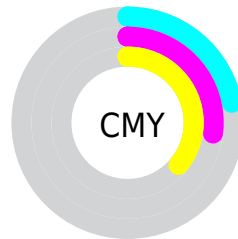


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6576, 0.3426, 0.3554 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 49.6576, 0.3426, 0.3554 by changing the saturation by 10% instead.

 49.6576, 0.3426,
0.3554

 49.6576, 0.3426,
0.3554

385.3254, 0.3278,
0.3424

 35.1414, 0.3463,
0.3586


 89.6674, 0.3372,
0.3507

 23.7718, 0.3509,
0.3626


 115.9297, 0.3352,
0.3490

 15.1644, 0.3571,
0.3679


146.8762, 0.3335,
0.3475

 8.9349, 0.3655,
0.3751

182.8914, 0.3321,
0.3462

 4.6987, 0.3779,
0.3855

224.3594, 0.3308,
0.3450

 2.0716, 0.3976,
0.4017

271.6649, 0.3297,

 0.6486, 0.5051,

0.3441

0.4949

325.1921, 0.3287,
0.3432

0.0000, 0.0000,
0.0000

49.6576, 0.3426,
0.3554

49.6576, 0.3426,
0.3554

45.6078, 0.3620,
0.3709

54.0299, 0.3252,
0.3404

41.8650, 0.3832,
0.3864

58.7263, 0.3097,
0.3262

38.4221, 0.4060,
0.4011

63.7570, 0.2961,
0.3129

35.2693, 0.4298,
0.4143

69.1296, 0.2840,
0.3006

32.3959, 0.4537,
0.4246

74.2566, 0.2783,
0.2985

■ 29.7902, 0.4765,
0.4309

■ 78.9172, 0.2790,
0.3076

■ 27.4389, 0.4968,
0.4323

■ 83.8014, 0.2796,
0.3166

■ 25.3243, 0.5138,
0.4286

■ 88.9121, 0.2803,
0.3254

■ 24.9215, 0.5171,
0.4276

■ 91.0181, 0.2805,
0.3289

Harmonies

Analogous

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



49.6576, 0.3472, 0.3443



49.6576, 0.3426, 0.3554



49.6576, 0.3299, 0.3597

Triad

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



49.6576, 0.3426, 0.3554



49.6576, 0.2840, 0.3272



49.6576, 0.3118, 0.3045

Complementary

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



49.6576, 0.3426, 0.3554



44.3104, 0.2845, 0.3011

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.



49.6576, 0.2951, 0.2998



49.6576, 0.3426, 0.3554



49.6576, 0.2794, 0.3123

Square

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



49.6576, 0.3426, 0.3554



49.6576, 0.2961, 0.3432



49.6576, 0.2834, 0.3025



49.6576, 0.3291, 0.3153

Rectangle

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



49.6576, 0.3426, 0.3554



49.6576, 0.3188, 0.3577



49.6576, 0.2834, 0.3025



49.6576, 0.3059, 0.3022

Sweetspot

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



49.6598, 0.3426, 0.3554



95.8629, 0.3205, 0.3362



42.1185, 0.3327, 0.3094



20.3967, 0.3217, 0.3372



0.0000, 0.0000, 0.0000



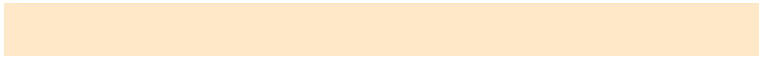
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.6598, 0.3426, 0.3554



82.8810, 0.3507, 0.3621



55.9361, 0.3375, 0.3736



11.6475, 0.3275, 0.3425



16.0280, 0.5154, 0.4290



0.8996, 0.4902, 0.4490

Inverse Universe

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



44.3104, 0.2845, 0.3011



71.7374, 0.2773, 0.2935



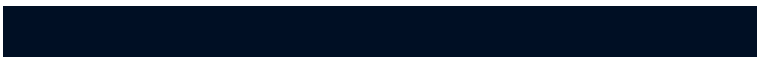
38.8837, 0.2854, 0.2808



11.0015, 0.2983, 0.3152



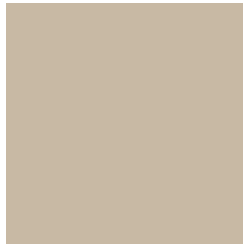
6.7859, 0.1703, 0.1329



0.4637, 0.1818, 0.1746

Previews

White Background



This preview shows how the Yxy color 49.6576, 0.3426, 0.3554 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 49.6576, 0.3426, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

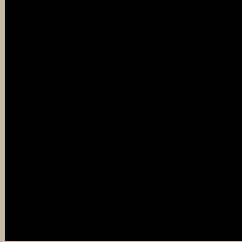
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6576, 0.3426, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 49.6576, 0.3426, 0.3554.

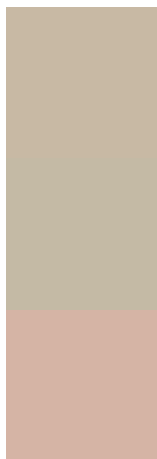


This preview shows how white text looks on a background with the Yxy color 49.6576, 0.3426, 0.3554.

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

49.6576, 0.3426, 0.3554

Protanopia

49.5702, 0.3381, 0.3557

Deuteranopia

49.5053, 0.3546, 0.3473



Tritanopia

49.8252, 0.3212, 0.3121

Trichromacy



Original Color

49.6576, 0.3426, 0.3554

Protanomaly

49.7047, 0.3389, 0.3556

Deuteranomaly

49.5824, 0.3496, 0.3500

Tritanomaly

49.6131, 0.3292, 0.3266

Monochromacy



Original Color

49.6576, 0.3426, 0.3554

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5790, 0.3233, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6576, 0.3426, 0.3554 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(200, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 164)  
}
```

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(200, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.6576, 0.3426, 0.3554 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(200, 185, 164) }
```

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

```
.border{ border-color:rgb(200, 185, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6576, 0.3426, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 164) }
```

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

```
.background{ background-color: rgb(200,  
185, 164) }
```

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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