

Converting Colors

Yxy(54.5153, 0.3401, 0.3612)

Have a look what the booklet for
Yxy(54.5153, 0.3401, 0.3612)
contains.

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Color

Yxy(54.6947, 0.3408, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	CCC3A8
RGB	204, 195, 168
RGB Percent	80%, 76%, 66%
CMY	0.2001, 0.2352, 0.3413
CMYK	0.00, 0.04, 0.18, 0.20
HSL	45°, 26%, 73%
HSV	45°, 18%, 80%
XYZ	51.4774, 54.6947, 44.8765
YIQ	194.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

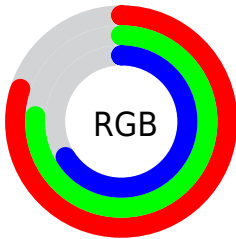
Format	Color
RYB	180, 204, 168
Decimal	13419432
CIELab	78.87, -1.34, 14.72
CIELCh	79, 14.782, 95.190
Yxy	54.6947, 0.3408, 0.3621
Android (android.graphics.Color)	4291609512 (0xFFCCC3A8)
YUV	194.6130, -13.1202, 8.2324
Hunter-Lab	73.9559, -5.1769, 15.7918

Details

The Yxy color **54.6947, 0.3408, 0.3621** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.0981, 0.2846, 0.2936**, and the grayscale version is **54.4026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2085, 0.3319, 0.3573**, and **26.7947, 0.3488, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **51.7593, 0.3584, 0.3816**, and if you desaturate by 10%, it is **57.8315, 0.3244, 0.3430**.

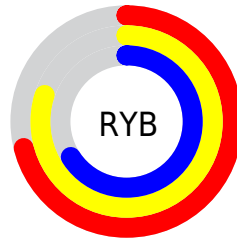
Distribution



Red (80%)

Green (76%)

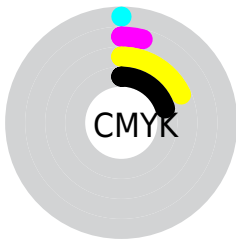
Blue (66%)



Red (71%)

Yellow (80%)

Blue (66%)

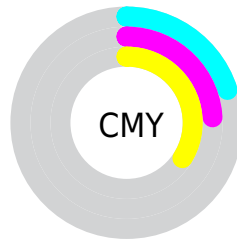


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (24%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6947, 0.3408, 0.3621 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 54.6947, 0.3408, 0.3621 by changing the saturation by 10% instead.


 54.6947, 0.3408,
0.3621


 54.6947, 0.3408,
0.3621

404.7536, 0.3272,
0.3460

 39.1573, 0.3441,
0.3660


 97.0935, 0.3359,
0.3563

 26.8822, 0.3482,
0.3709

 124.7237, 0.3341,
0.3541

 17.4847, 0.3536,
0.3774


157.1537, 0.3325,
0.3523

 10.5807, 0.3608,
0.3861

194.7678, 0.3312,
0.3507

 5.7856, 0.3710,
0.3986

237.9505, 0.3300,
0.3493

 2.7152, 0.3865,
0.4177

287.0861, 0.3289,

 0.9849, 0.4681,

0.3480

0.5114

342.5590, 0.3280,
0.3469

0.0000, 0.0000,
0.0000

54.6947, 0.3408,
0.3621

54.6947, 0.3408,
0.3621

51.7593, 0.3584,
0.3816

57.8315, 0.3244,
0.3430

49.0118, 0.3768,
0.4009

61.1684, 0.3093,
0.3248

46.4478, 0.3956,
0.4193

64.7134, 0.2955,
0.3077

44.0600, 0.4141,
0.4358

68.4719, 0.2831,
0.2917

41.8404, 0.4315,
0.4492

71.4474, 0.2803,
0.2918

39.7799, 0.4469,
0.4587

74.1588, 0.2807,
0.2974

37.8682, 0.4598,
0.4636

76.9517, 0.2810,
0.3029

36.0908, 0.4696,
0.4638

79.8271, 0.2814,
0.3084

35.6870, 0.4718,
0.4636

82.7854, 0.2817,
0.3139

Harmonies

Analogous

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



54.6947, 0.3506, 0.3525



54.6947, 0.3408, 0.3621



54.6947, 0.3236, 0.3627

Triad

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



54.6947, 0.3408, 0.3621



54.6947, 0.2769, 0.3188



54.6947, 0.3208, 0.3063

Complementary

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



54.6947, 0.3408, 0.3621



44.0981, 0.2846, 0.2936

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.



54.6947, 0.3010, 0.2977



54.6947, 0.3408, 0.3621



54.6947, 0.2762, 0.3042

Square

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



54.6947, 0.3408, 0.3621



54.6947, 0.2870, 0.3370



54.6947, 0.2848, 0.2967



54.6947, 0.3388, 0.3206

Rectangle

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



54.6947, 0.3408, 0.3621



54.6947, 0.3104, 0.3575



54.6947, 0.2848, 0.2967



54.6947, 0.3141, 0.3027

Sweetspot

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



54.6971, 0.3408, 0.3621



97.1982, 0.3204, 0.3382



44.0028, 0.3383, 0.3179



20.7216, 0.3215, 0.3396



0.0000, 0.0000, 0.0000



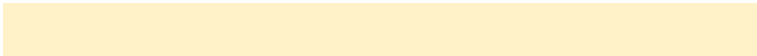
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6971, 0.3408, 0.3621



88.8089, 0.3470, 0.3691



57.5982, 0.3317, 0.3735



12.6054, 0.3272, 0.3463



22.6220, 0.4709, 0.4643



1.2825, 0.4588, 0.4739

Inverse Universe

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



44.0981, 0.2846, 0.2936



68.1866, 0.2783, 0.2854



41.6983, 0.2914, 0.2825



11.2900, 0.2983, 0.3111



4.3469, 0.1583, 0.0898



0.3482, 0.1691, 0.1288

Previews

White Background



This preview shows how the Yxy color 54.6947, 0.3408, 0.3621 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 54.6947, 0.3408, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

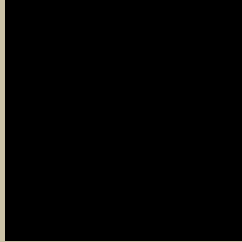
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

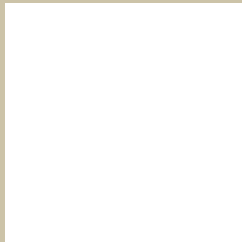
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6947, 0.3408, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 54.6947, 0.3408, 0.3621.

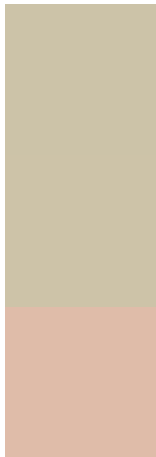


This preview shows how white text looks on a background with the Yxy color 54.6947, 0.3408, 0.3621.

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

54.6947, 0.3408, 0.3621

Protanopia

54.8365, 0.3417, 0.3620

Deuteranopia

54.5190, 0.3580, 0.3512



Tritanopia

54.7900, 0.3168, 0.3115

Trichromacy



Original Color

54.6947, 0.3408, 0.3621

Protanomaly

54.8365, 0.3417, 0.3620

Deuteranomaly

54.7251, 0.3512, 0.3552

Tritanomaly

54.7704, 0.3250, 0.3290

Monochromacy



Original Color

54.6947, 0.3408, 0.3621

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5388, 0.3226, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6947, 0.3408, 0.3621 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(204, 195, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 168)  
}
```

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(204, 195, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 168) }
```

Border

The CSS property to change the border of an element to Yxy 54.6947, 0.3408, 0.3621 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(204, 195, 168) }
```

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

```
.border{ border-color:rgb(204, 195, 168) }
```

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

Here you see how a box with a 4 pixel rgb(204, 195, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6947, 0.3408, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 168) }
```

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

```
.background{ background-color: rgb(204,  
195, 168) }
```

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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