

Converting Colors

$Yxy(55.0046, 0.3438, 0.3682)$

Have a look what the booklet for
Yxy(55.0046, 0.3438, 0.3682)
contains.

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Color

Yxy(54.9976, 0.3437, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	CCC4A4
RGB	204, 196, 164
RGB Percent	80%, 77%, 64%
CMY	0.2001, 0.2313, 0.3568
CMYK	0.00, 0.04, 0.20, 0.20
HSL	48°, 28%, 72%
HSV	48°, 20%, 80%
XYZ	51.3381, 54.9976, 43.0332
YIQ	194.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

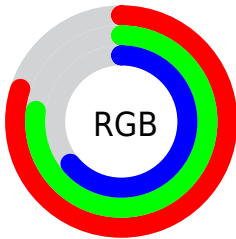
Format	Color
R_YB	174, 204, 164
Decimal	13419684
CIE Lab	79.04, -2.46, 17.09
CIE LCh	79, 17.265, 98.186
Yxy	54.9976, 0.3437, 0.3682
Android (android.graphics.Color)	4291609764 (0xFFCCC4A4)
YUV	194.7440, -15.1568, 8.1175
Hunter-Lab	74.1604, -6.2127, 17.5080

Details

The Yxy color $54.9976, 0.3437, 0.3682$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.7449, 0.2811, 0.2865$, and the grayscale version is $54.4979, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.6250, 0.3342, 0.3622$, and $26.9999, 0.3526, 0.3782$ is the 20% darker color. If you saturate the color by 10%, you get $52.5122, 0.3609, 0.3888$, and if you desaturate by 10%, it is $57.6558, 0.3274, 0.3478$.

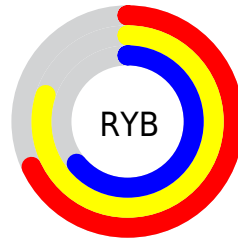
Distribution



Red (80%)

Green (77%)

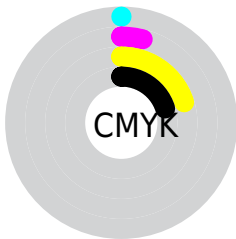
Blue (64%)



Red (68%)

Yellow (80%)

Blue (64%)

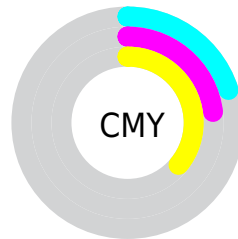


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (20%)



Cyan (20%)


Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9976, 0.3437, 0.3682 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 54.9976, 0.3437, 0.3682 by changing the saturation by 10% instead.

 54.9976, 0.3437,
0.3682

 54.9976, 0.3437,
0.3682

405.9028, 0.3287,
0.3491

 39.3998, 0.3473,
0.3728


 97.5374, 0.3384,
0.3614

 27.0709, 0.3518,
0.3787


 125.2483, 0.3363,
0.3588

 17.6265, 0.3576,
0.3863


157.7656, 0.3346,
0.3565

 10.6821, 0.3654,
0.3966

195.4737, 0.3331,
0.3546

 5.8535, 0.3763,
0.4113

238.7571, 0.3318,
0.3530

 2.7562, 0.3923,
0.4336

288.0002, 0.3307,

 1.0058, 0.4701,

0.3515

0.5299

343.5873, 0.3296,
0.3502

■ 0.0000, 0.0000,
0.0000

■ 54.9976, 0.3437,
0.3682

■ 54.9976, 0.3437,
0.3682

■ 52.5122, 0.3609,
0.3888

■ 57.6558, 0.3274,
0.3478

■ 50.1862, 0.3786,
0.4091

■ 60.4851, 0.3121,
0.3282

■ 48.0156, 0.3962,
0.4281

■ 63.4931, 0.2981,
0.3097

■ 45.9933, 0.4131,
0.4448

■ 66.6851, 0.2853,
0.2924

■ 44.1116, 0.4284,
0.4583

■ 69.3372, 0.2800,
0.2873

■ 42.3616, 0.4415,
0.4677

■ 71.4499, 0.2803,
0.2918

■ 40.7329, 0.4518,
0.4724

■ 73.6145, 0.2806,
0.2963

■ 39.2074, 0.4595,
0.4731

■ 75.8314, 0.2809,
0.3007

■ 39.1471, 0.4598,
0.4731

■ 78.1009, 0.2812,
0.3051

Harmonies

Analogous

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



54.9976, 0.3562, 0.3577



54.9976, 0.3437, 0.3682



54.9976, 0.3230, 0.3679

Triad

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



54.9976, 0.3437, 0.3682



54.9976, 0.2706, 0.3150



54.9976, 0.3243, 0.3041

Complementary

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



54.9976, 0.3437, 0.3682



41.7449, 0.2811, 0.2865

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.



54.9976, 0.3012, 0.2933



54.9976, 0.3437, 0.3682



54.9976, 0.2708, 0.2988

Square

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



54.9976, 0.3437, 0.3682



54.9976, 0.2811, 0.3361



54.9976, 0.2818, 0.2912



54.9976, 0.3449, 0.3210

Rectangle

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



54.9976, 0.3437, 0.3682



54.9976, 0.3077, 0.3611



54.9976, 0.2818, 0.2912



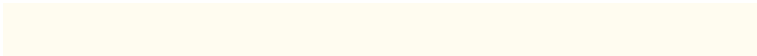
54.9976, 0.3166, 0.2997

Sweetspot

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



55.0001, 0.3437, 0.3682



97.1237, 0.3219, 0.3408



42.3652, 0.3435, 0.3190



20.7229, 0.3229, 0.3421



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.



55.0001, 0.3437, 0.3682



89.1309, 0.3517, 0.3779



57.0599, 0.3322, 0.3789



12.7021, 0.3270, 0.3474



24.7794, 0.4592, 0.4736



1.3775, 0.4500, 0.4809

Inverse Universe

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



41.7449, 0.2811, 0.2865



62.8028, 0.2726, 0.2748



40.1408, 0.2905, 0.2771



11.2000, 0.2982, 0.3099



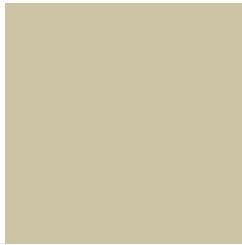
3.8332, 0.1557, 0.0806



0.3070, 0.1657, 0.1165

Previews

White Background



This preview shows how the Yxy color 54.9976, 0.3437, 0.3682 looks on a white background.

Color Contrast Check

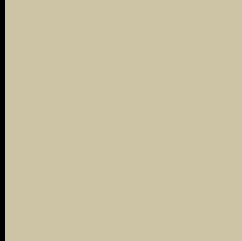
Large Text (above 18pt) WCAG AA × Fail

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 54.9976, 0.3437, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

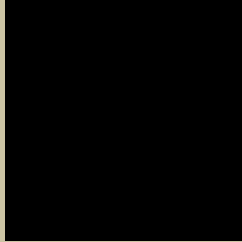
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

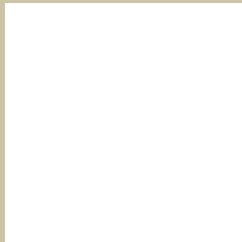
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9976, 0.3437, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 54.9976, 0.3437, 0.3682.

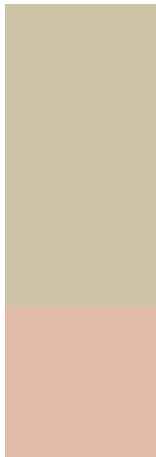


This preview shows how white text looks on a background with the Yxy color 54.9976, 0.3437, 0.3682.

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

54.9976, 0.3437, 0.3682

Protanopia

54.8324, 0.3457, 0.3668

Deuteranopia

54.7272, 0.3623, 0.3546



Tritanopia

54.7900, 0.3168, 0.3115

Trichromacy



Original Color

54.9976, 0.3437, 0.3682

Protanomaly

54.6897, 0.3448, 0.3669

Deuteranomaly

54.7299, 0.3553, 0.3599

Tritanomaly

54.6824, 0.3265, 0.3314

Monochromacy



Original Color

54.9976, 0.3437, 0.3682

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4967, 0.3234, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9976, 0.3437, 0.3682 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, 196, 164)` looks like.

```
.text, #text, p{  
    color:rgb(204, 196, 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(204, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 196, 164) }
```

Border

The CSS property to change the border of an element to Yxy 54.9976, 0.3437, 0.3682 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, 196, 164) }
```

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

```
.border{ border-color:rgb(204, 196, 164) }
```

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

Here you see how a box with a 4 pixel rgb(204, 196, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 196, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 196, 164);  
box-shadow:4px 4px 4px 4px rgb(204, 196,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9976, 0.3437, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 196, 164) }
```

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

```
.background{ background-color: rgb(204,  
196, 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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