

Converting Colors

Yxy(44.8658, 0.3389, 0.3473)

Have a look what the booklet for
Yxy(44.8658, 0.3389, 0.3473)
contains.

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Color

Yxy(44.8658, 0.3389, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	C0B0A2
RGB	192, 176, 162
RGB Percent	75%, 69%, 64%
CMY	0.2472, 0.3098, 0.3647
CMYK	0.00, 0.08, 0.16, 0.25
HSL	28°, 19%, 69%
HSV	28°, 16%, 75%
XYZ	43.7806, 44.8658, 40.5381
YIQ	179.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

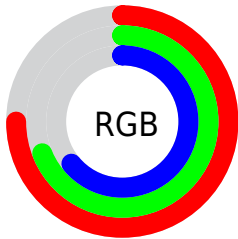
Format	Color
R _Y B	192, 188, 162
Decimal	12628130
CIE Lab	72.80, 3.37, 9.23
CIE LCh	73, 9.827, 69.930
Yxy	44.8658, 0.3389, 0.3473
Android (android.graphics.Color)	4290818210 (0xFFC0B0A2)
YUV	179.1880, -8.4737, 11.2361
Hunter-Lab	66.9819, -0.5474, 11.0045

Details

The Yxy color **44.8658, 0.3389, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3154, 0.2886, 0.3100**, and the grayscale version is **45.2249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8627, 0.3342, 0.3442**, and **20.9444, 0.3466, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **40.3759, 0.3588, 0.3598**, and if you desaturate by 10%, it is **49.7661, 0.3215, 0.3354**.

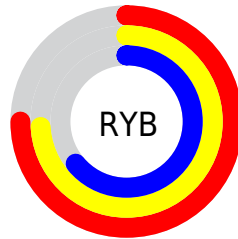
Distribution



Red (75%)

Green (69%)

Blue (64%)



Red (75%)

Yellow (74%)

Blue (64%)

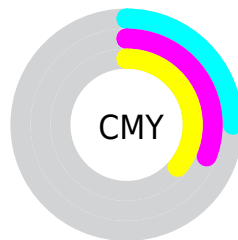


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8658, 0.3389, 0.3473 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 44.8658, 0.3389, 0.3473 by changing the saturation by 10% instead.

 44.8658, 0.3389,
0.3473

 44.8658, 0.3389,
0.3473

366.2298, 0.3257,
0.3382

 31.3517, 0.3422,
0.3496


 82.5190, 0.3341,
0.3440

 20.8668, 0.3466,
0.3525


 107.4269, 0.3323,
0.3428

 13.0267, 0.3524,
0.3563


136.9016, 0.3307,
0.3417

 7.4469, 0.3605,
0.3616

171.3274, 0.3294,
0.3408

 3.7431, 0.3728,
0.3695

211.0887, 0.3283,
0.3400

 1.5309, 0.3937,
0.3822

256.5699, 0.3273,

 0.3104, 0.5487,

0.3393

0.4513

308.1555, 0.3264,
0.3387

0.0000, 0.0000,
0.0000

44.8658, 0.3389,
0.3473

44.8658, 0.3389,
0.3473

40.3759, 0.3588,
0.3598

49.7661, 0.3215,
0.3354

36.2789, 0.3814,
0.3724

55.0814, 0.3063,
0.3242

32.5650, 0.4066,
0.3846

60.8243, 0.2932,
0.3138

29.2216, 0.4340,
0.3956

67.0046, 0.2818,
0.3042

26.2352, 0.4627,
0.4042

73.4376, 0.2736,
0.2986

■ 23.5912, 0.4914,
0.4092

■ 79.2030, 0.2746,
0.3099

■ 21.2738, 0.5182,
0.4094

■ 85.3061, 0.2755,
0.3210

■ 19.2645, 0.5413,
0.4042

■ 89.9431, 0.2762,
0.3289

■ 18.4684, 0.5507,
0.4010

Harmonies

Analogous

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



44.8658, 0.3396, 0.3370



44.8658, 0.3389, 0.3473



44.8658, 0.3311, 0.3530

Triad

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



44.8658, 0.3389, 0.3473



44.8658, 0.2928, 0.3327



44.8658, 0.3066, 0.3071

Complementary

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



44.8658, 0.3389, 0.3473



43.3154, 0.2886, 0.3100

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.



44.8658, 0.2944, 0.3056



44.8658, 0.3389, 0.3473



44.8658, 0.2866, 0.3201

Square

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



44.8658, 0.3389, 0.3473



44.8658, 0.3044, 0.3446



44.8658, 0.2871, 0.3102



44.8658, 0.3207, 0.3141

Rectangle

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



44.8658, 0.3389, 0.3473



44.8658, 0.3229, 0.3532



44.8658, 0.2871, 0.3102



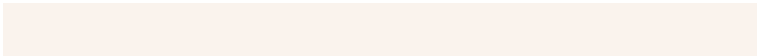
44.8658, 0.3021, 0.3060

Sweetspot

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



44.8678, 0.3389, 0.3473



90.6914, 0.3206, 0.3348



40.2606, 0.3269, 0.3083



19.3155, 0.3218, 0.3356



97.7402, 0.3127, 0.3290



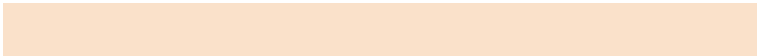
20.4902, 0.3127, 0.3290

Same Dimension

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



44.8678, 0.3389, 0.3473



78.2293, 0.3460, 0.3519



51.0628, 0.3360, 0.3660



10.8366, 0.3278, 0.3398



12.5840, 0.5486, 0.4026



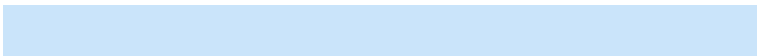
0.6816, 0.5125, 0.4313

Inverse Universe

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



43.3154, 0.2886, 0.3100



74.8379, 0.2827, 0.3050



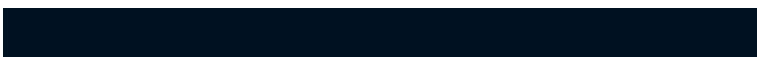
37.6838, 0.2878, 0.2891



10.6163, 0.2984, 0.3180



9.1478, 0.1807, 0.1705



0.5322, 0.1914, 0.2090

Previews

White Background



This preview shows how the Yxy color 44.8658, 0.3389, 0.3473 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 44.8658, 0.3389, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

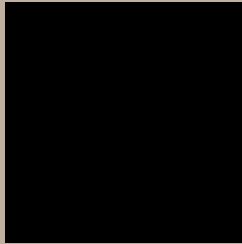
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

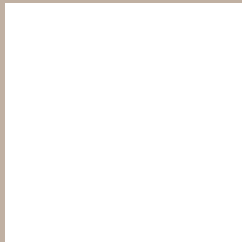
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8658, 0.3389, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 44.8658, 0.3389, 0.3473.



This preview shows how white text looks on a background with the Yxy color 44.8658, 0.3389, 0.3473.

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

44.8658, 0.3389, 0.3473

Protanopia

44.9242, 0.3322, 0.3489

Deuteranopia

44.7059, 0.3482, 0.3405



Tritanopia

44.6523, 0.3216, 0.3113

Trichromacy



Original Color

44.8658, 0.3389, 0.3473

Protanomaly

44.7800, 0.3342, 0.3475

Deuteranomaly

44.5373, 0.3442, 0.3419

Tritanomaly

44.5308, 0.3283, 0.3239

Monochromacy



Original Color

44.8658, 0.3389, 0.3473

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0483, 0.3221, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8658, 0.3389, 0.3473 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(192, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 162)  
}
```

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(192, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.8658, 0.3389, 0.3473 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(192, 176, 162) }
```

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

```
.border{ border-color:rgb(192, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8658, 0.3389, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 162) }
```

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

```
.background{ background-color: rgb(192,  
176, 162) }
```

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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