

Converting Colors

Yxy(44.1414, 0.3762, 0.3766)

Have a look what the booklet for
Yxy(44.1414, 0.3762, 0.3766)
contains.

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Color

Yxy(44.0917, 0.3756, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	CCAC87
RGB	204, 172, 135
RGB Percent	80%, 67%, 53%
CMY	0.1999, 0.3255, 0.4706
CMYK	0.00, 0.16, 0.34, 0.20
HSL	32°, 40%, 66%
HSV	32°, 34%, 80%
XYZ	44.0331, 44.0917, 29.1092
YIQ	177.3500, 30.9490, -4.7230

Conversions

Conversions Part 2

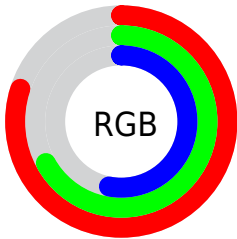
Format	Color
R_{YB}	195, 204, 135
Decimal	13413511
CIE Lab	72.29, 6.33, 23.38
CIE LCh	72, 24.224, 74.859
Yxy	44.0917, 0.3756, 0.3761
Android (android.graphics.Color)	4291603591 (0xFFCCAC87)
YUV	177.3500, -20.8785, 23.3721
Hunter-Lab	66.4016, 2.1665, 20.4895

Details

The Yxy color **44.0917, 0.3756, 0.3761** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.1598, 0.2584, 0.2766**, and the grayscale version is **44.2620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8290, 0.3593, 0.3687**, and **20.4784, 0.3939, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **40.0967, 0.3989, 0.3902**, and if you desaturate by 10%, it is **48.4576, 0.3544, 0.3617**.

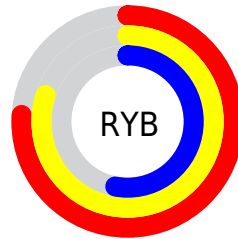
Distribution



Red (80%)

Green (67%)

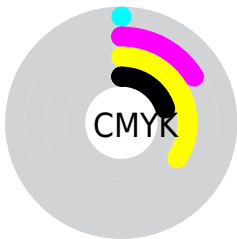
Blue (53%)



Red (76%)

Yellow (80%)

Blue (53%)

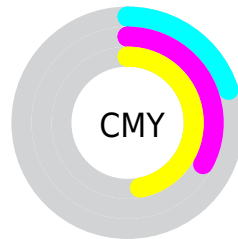


Cyan (0%)

Magenta (16%)

Yellow (34%)

Black (20%)



Cyan (20%)


Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0917, 0.3756, 0.3761 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 44.0917, 0.3756, 0.3761 by changing the saturation by 10% instead.


 44.0917, 0.3756,
0.3761

 44.0917, 0.3756,
0.3761


363.0823, 0.3439,
0.3530


 30.7426, 0.3835,
0.3816


 81.3557, 0.3640,
0.3679

 20.4029, 0.3937,
0.3886


 106.0394, 0.3597,
0.3647

 12.6883, 0.4070,
0.3974


 135.2701, 0.3560,
0.3620

 7.2142, 0.4253,
0.4090

169.4322, 0.3529,
0.3597

 3.5964, 0.4514,
0.4242

208.9101, 0.3502,
0.3577

 1.4505, 0.5252,
0.4748

254.0881, 0.3478,

 0.2535, 0.6093,

0.3559

0.3907

305.3508, 0.3457,
0.3544

0.0000, 0.0000,
0.0000

44.0917, 0.3756,
0.3761

44.0917, 0.3756,
0.3761

40.0967, 0.3989,
0.3902

48.4576, 0.3544,
0.3617

36.4550, 0.4239,
0.4031

53.1994, 0.3354,
0.3475

33.1561, 0.4498,
0.4137


58.3295, 0.3186,
0.3340


30.1866, 0.4754,
0.4208

63.8577, 0.3038,
0.3213

27.5316, 0.4993,
0.4233

69.7936, 0.2909,
0.3094


 25.1740, 0.5198,
0.4203

 75.9900, 0.2809,
0.3010

 23.8540, 0.5311,
0.4165

 81.3671, 0.2816,
0.3113

 87.0343, 0.2822,
0.3213

 91.5815, 0.2827,
0.3289

Harmonies

Analogous

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



44.0917, 0.3811, 0.3513



44.0917, 0.3756, 0.3761



44.0917, 0.3528, 0.3900

Triad

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



44.0917, 0.3756, 0.3761



44.0917, 0.2607, 0.3319



44.0917, 0.3025, 0.2790

Complementary

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



44.0917, 0.3756, 0.3761



37.1598, 0.2584, 0.2766

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.



44.0917, 0.2719, 0.2725



44.0917, 0.3756, 0.3761



44.0917, 0.2488, 0.3007

Square

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



44.0917, 0.3756, 0.3761



44.0917, 0.2863, 0.3644



44.0917, 0.2528, 0.2797



44.0917, 0.3376, 0.2970

Rectangle

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



44.0917, 0.3756, 0.3761



44.0917, 0.3314, 0.3897



44.0917, 0.2528, 0.2797



44.0917, 0.2913, 0.2754

Sweetspot

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



44.0937, 0.3756, 0.3761



91.1464, 0.3289, 0.3424



32.9660, 0.3546, 0.2881



19.2542, 0.3314, 0.3444



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.



44.0937, 0.3756, 0.3761



67.8531, 0.3934, 0.3870



57.4673, 0.3613, 0.4132



12.1928, 0.3277, 0.3414



15.1975, 0.5291, 0.4181



0.9350, 0.5020, 0.4396

Inverse Universe

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



37.1598, 0.2584, 0.2766



54.5775, 0.2456, 0.2622



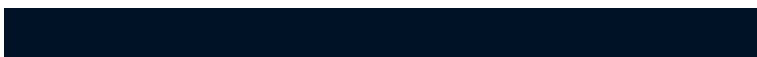
27.0312, 0.2542, 0.2296



11.6877, 0.2983, 0.3163



8.0397, 0.1743, 0.1474



0.5661, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 44.0917, 0.3756, 0.3761 looks on a white background.

Color Contrast Check

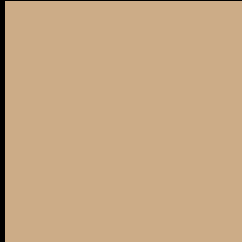
Large Text (above 18pt) WCAG AA × Fail

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 44.0917, 0.3756, 0.3761 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 44.0917, 0.3756, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 44.0917, 0.3756, 0.3761.



This preview shows how white text looks on a background with the Yxy color 44.0917, 0.3756, 0.3761.

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

44.0917, 0.3756, 0.3761

Protanopia

44.0692, 0.3576, 0.3822

Deuteranopia

44.0540, 0.3812, 0.3729



Tritanopia

44.0824, 0.3415, 0.3131

Trichromacy



Original Color

44.0917, 0.3756, 0.3761

Protanomaly

43.9069, 0.3639, 0.3802

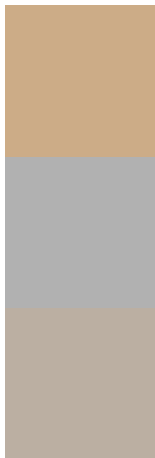
Deuteranomaly

44.1405, 0.3789, 0.3744

Tritanomaly

43.9150, 0.3539, 0.3354

Monochromacy



Original Color

44.0917, 0.3756, 0.3761

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8334, 0.3345, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0917, 0.3756, 0.3761 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, 172, 135)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 135)  
}
```

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, 172, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 135) }
```

Border

The CSS property to change the border of an element to Yxy 44.0917, 0.3756, 0.3761 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, 172, 135) }
```

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

```
.border{ border-color:rgb(204, 172, 135) }
```

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

Here you see how a box with a 4 pixel rgb(204, 172, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 172, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 172, 135);  
box-shadow:4px 4px 4px 4px rgb(204, 172,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0917, 0.3756, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 135) }
```

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

```
.background{ background-color: rgb(204,  
172, 135) }
```

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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