

Converting Colors

$Yxy(36.2594, 0.3721, 0.3575)$

Have a look what the booklet for
Yxy(36.2594, 0.3721, 0.3575)
contains.

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Color

Yxy(36.3704, 0.3713, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	C09B86
RGB	192, 155, 134
RGB Percent	75%, 61%, 53%
CMY	0.2470, 0.3922, 0.4746
CMYK	0.00, 0.19, 0.30, 0.25
HSL	22°, 32%, 64%
HSV	22°, 30%, 75%
XYZ	37.7638, 36.3704, 27.5728
YIQ	163.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

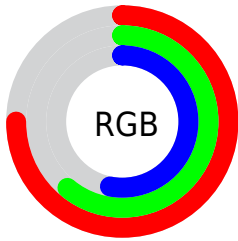
Format	Color
R _Y B	192, 167, 134
Decimal	12622726
CIE Lab	66.80, 10.67, 16.23
CIE LCh	67, 19.424, 56.670
Yxy	36.3704, 0.3713, 0.3576
Android (android.graphics.Color)	4290812806 (0xFFC09B86)
YUV	163.6690, -14.6268, 24.8463
Hunter-Lab	60.3079, 6.2349, 15.1081

Details

The Yxy color **36.3704, 0.3713, 0.3576** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9922, 0.2663, 0.2984**, and the grayscale version is **37.0199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3285, 0.3599, 0.3522**, and **15.8591, 0.3897, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **32.0131, 0.3972, 0.3674**, and if you desaturate by 10%, it is **41.2417, 0.3488, 0.3477**.

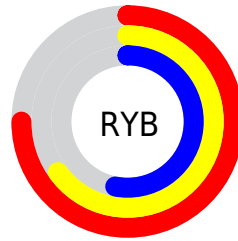
Distribution



Red (75%)

Green (61%)

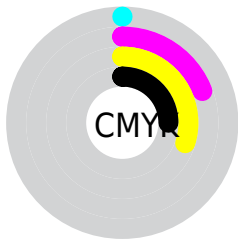
Blue (53%)



Red (75%)

Yellow (65%)

Blue (53%)

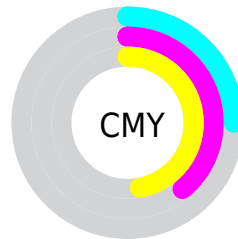


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3704, 0.3713, 0.3576 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 36.3704, 0.3713, 0.3576 by changing the saturation by 10% instead.


 36.3704, 0.3713,
0.3576


 36.3704, 0.3713,
0.3576


330.5766, 0.3406,
0.3434

 24.7204, 0.3794,
0.3611


 69.6034, 0.3598,
0.3525

 15.8689, 0.3901,
0.3655


 91.9552, 0.3556,
0.3505

 9.4314, 0.4047,
0.3711


 118.6430, 0.3521,
0.3489

 5.0236, 0.4259,
0.3785

150.0512, 0.3491,
0.3475

 2.2611, 0.4589,
0.3882

186.5643, 0.3465,
0.3462

 0.7530, 0.5664,
0.4336

228.5667, 0.3443,

 0.0000, 0.0000,


0.3452


0.0000


276.4426, 0.3423,
0.3442


 36.3704, 0.3713,
0.3576


 36.3704, 0.3713,
0.3576

 32.0131, 0.3972,
0.3674


 41.2417, 0.3488,
0.3477


 28.1471, 0.4266,
0.3766


 46.6385, 0.3295,
0.3382


 24.7556, 0.4588,
0.3841


 52.5782, 0.3131,
0.3292

 21.8186, 0.4927,
0.3889


 59.0761, 0.2990,
0.3209


 19.3145, 0.5260,
0.3896


 66.1466, 0.2871,
0.3132


 17.2195, 0.5560,
0.3854

 73.8036, 0.2769,
0.3062

 15.5355, 0.5805,
0.3773

 81.1686, 0.2749,
0.3136

 88.6513, 0.2761,
0.3267

 89.9485, 0.2763,
0.3289

Harmonies

Analogous

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



36.3704, 0.3657, 0.3336



36.3704, 0.3713, 0.3576



36.3704, 0.3604, 0.3756

Triad

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



36.3704, 0.3713, 0.3576



36.3704, 0.2804, 0.3488



36.3704, 0.2872, 0.2811

Complementary

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



36.3704, 0.3713, 0.3576



37.9922, 0.2663, 0.2984

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.



36.3704, 0.2662, 0.2827



36.3704, 0.3713, 0.3576



36.3704, 0.2624, 0.3206

Square

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



36.3704, 0.3713, 0.3576



36.3704, 0.3074, 0.3719



36.3704, 0.2574, 0.2966



36.3704, 0.3159, 0.2909

Rectangle

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



36.3704, 0.3713, 0.3576



36.3704, 0.3457, 0.3813



36.3704, 0.2574, 0.2966



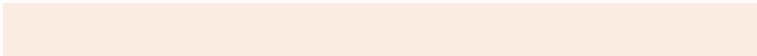
36.3704, 0.2790, 0.2803

Sweetspot

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



36.3721, 0.3713, 0.3576



85.6109, 0.3276, 0.3372



31.2175, 0.3370, 0.2792



18.0420, 0.3302, 0.3385



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.



36.3721, 0.3713, 0.3576



60.7748, 0.3874, 0.3639



46.9233, 0.3608, 0.3933



10.6620, 0.3280, 0.3374



10.5879, 0.5782, 0.3791



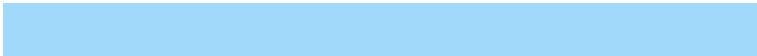
0.5890, 0.5355, 0.4130

Inverse Universe

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



37.9922, 0.2663, 0.2984



64.1453, 0.2567, 0.2909



28.4204, 0.2615, 0.2552



10.7947, 0.2984, 0.3205



12.1508, 0.1909, 0.2071



0.6521, 0.1993, 0.2374

Previews

White Background



This preview shows how the Yxy color 36.3704, 0.3713, 0.3576 looks on a white background.

Color Contrast Check

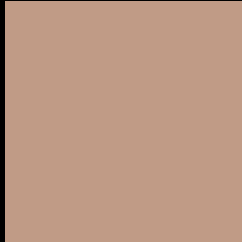
Large Text (above 18pt) WCAG AA × Fail

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 36.3704, 0.3713, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

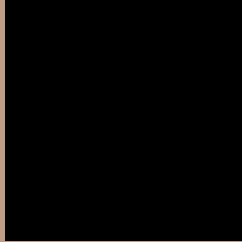
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3704, 0.3713, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 36.3704, 0.3713, 0.3576.



This preview shows how white text looks on a background with the Yxy color 36.3704, 0.3713, 0.3576.

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

36.3704, 0.3713, 0.3576

Protanopia

36.3336, 0.3434, 0.3638

Deuteranopia

36.3170, 0.3677, 0.3592



Tritanopia

36.3797, 0.3461, 0.3133

Trichromacy



Original Color

36.3704, 0.3713, 0.3576

Protanomaly

36.1861, 0.3534, 0.3602

Deuteranomaly

36.4453, 0.3688, 0.3591

Tritanomaly

36.1928, 0.3560, 0.3291

Monochromacy



Original Color

36.3704, 0.3713, 0.3576

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7883, 0.3326, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3704, 0.3713, 0.3576 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, 155, 134)` looks like.

```
.text, #text, p{  
    color:rgb(192, 155, 134)  
}
```

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, 155, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 155, 134) }
```

Border

The CSS property to change the border of an element to Yxy 36.3704, 0.3713, 0.3576 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, 155, 134) }
```

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

```
.border{ border-color:rgb(192, 155, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 155, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 155, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 155, 134);  
box-shadow:4px 4px 4px 4px rgb(192, 155,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3704, 0.3713, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 155, 134) }
```

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

```
.background{ background-color: rgb(192,  
155, 134) }
```

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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