

Converting Colors

$Yxy(36.6986, 0.3877, 0.3688)$

Have a look what the booklet for
Yxy(36.6986, 0.3877, 0.3688)
contains.

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Color

Yxy(36.5722, 0.3881, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	C69A7C
RGB	198, 154, 124
RGB Percent	78%, 60%, 49%
CMY	0.2235, 0.3961, 0.5136
CMYK	0.00, 0.22, 0.37, 0.22
HSL	24°, 39%, 63%
HSV	24°, 37%, 78%
XYZ	38.4861, 36.5722, 24.1071
YIQ	163.7360, 35.8540, -0.0020

Conversions

Conversions Part 2

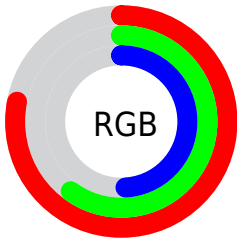
Format	Color
RYB	198, 174, 124
Decimal	13015676
CIELab	66.95, 12.34, 22.03
CIElCh	67, 25.255, 60.743
Yxy	36.5722, 0.3881, 0.3688
Android (android.graphics.Color)	4291205756 (0xFFC69A7C)
YUV	163.7360, -19.5898, 30.0495
Hunter-Lab	60.4750, 7.7657, 18.6977

Details

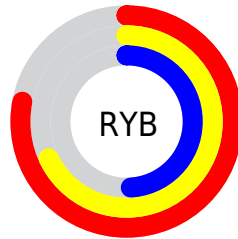
The Yxy color **36.5722, 0.3881, 0.3688** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.3845, 0.2548, 0.2850**, and the grayscale version is **37.0764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5461, 0.3726, 0.3612**, and **16.0481, 0.4122, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **32.4226, 0.4154, 0.3793**, and if you desaturate by 10%, it is **41.2075, 0.3639, 0.3578**.

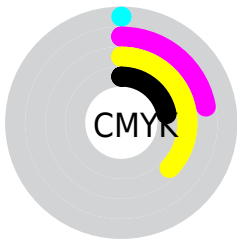
Distribution



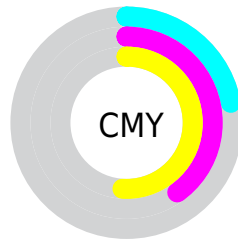
- Red (78%)
- Green (60%)
- Blue (49%)



- Red (78%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.5722, 0.3881, 0.3688 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 36.5722, 0.3881, 0.3688 by changing the saturation by 10% instead.


 36.5722, 0.3881,
0.3688


 36.5722, 0.3881,
0.3688


331.4547, 0.3487,
0.3492


 24.8764, 0.3984,
0.3734


 69.9143, 0.3734,
0.3618

 15.9850, 0.4118,
0.3792


 92.3295, 0.3680,
0.3592

 9.5136, 0.4300,
0.3863


 119.0866, 0.3635,
0.3569

 5.0776, 0.4558,
0.3951

150.5700, 0.3596,
0.3550

 2.2929, 0.5002,
0.4099

187.1641, 0.3563,
0.3532

 0.7699, 0.5765,
0.4235

229.2533, 0.3535,

 0.0000, 0.0000,

0.3517

0.0000

277.2220, 0.3509,
0.3504

■ 36.5722, 0.3881,
0.3688

■ 36.5722, 0.3881,
0.3688

■ 32.4226, 0.4154,
0.3793

■ 41.2075, 0.3639,
0.3578

■ 28.7365, 0.4454,
0.3885

■ 46.3392, 0.3427,
0.3468

■ 25.4975, 0.4772,
0.3951

■ 51.9845, 0.3245,
0.3363


■ 22.6859, 0.5088,
0.3979


■ 58.1578, 0.3088,
0.3265

■ 20.2803, 0.5381,
0.3959

■ 64.8730, 0.2954,
0.3173

 18.2547, 0.5628,
0.3886

 72.1435, 0.2838,
0.3089

 17.7767, 0.5690,
0.3864

 79.4807, 0.2779,
0.3091

 86.5066, 0.2789,
0.3218

 90.7475, 0.2794,
0.3289

Harmonies

Analogous

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



36.5722, 0.3840, 0.3385



36.5722, 0.3881, 0.3688



36.5722, 0.3709, 0.3913

Triad

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



36.5722, 0.3881, 0.3688



36.5722, 0.2668, 0.3497



36.5722, 0.2841, 0.2688

Complementary

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



36.5722, 0.3881, 0.3688



36.3845, 0.2548, 0.2850

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.



36.5722, 0.2558, 0.2684



36.5722, 0.3881, 0.3688



36.5722, 0.2462, 0.3126

Square

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



36.5722, 0.3881, 0.3688



36.5722, 0.3002, 0.3823



36.5722, 0.2424, 0.2834



36.5722, 0.3219, 0.2830

Rectangle

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



36.5722, 0.3881, 0.3688



36.5722, 0.3503, 0.3977



36.5722, 0.2424, 0.2834



36.5722, 0.2733, 0.2670

Sweetspot

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



36.5739, 0.3881, 0.3688



88.1350, 0.3311, 0.3403



29.2717, 0.3489, 0.2715



18.5687, 0.3336, 0.3417



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.



36.5739, 0.3881, 0.3688



58.5898, 0.4106, 0.3776



50.5569, 0.3713, 0.4128



11.3306, 0.3280, 0.3384



11.7175, 0.5666, 0.3883



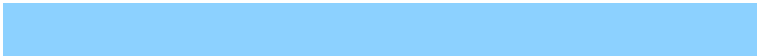
0.6964, 0.5289, 0.4183

Inverse Universe

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



36.3845, 0.2548, 0.2850



58.1797, 0.2423, 0.2733



24.7112, 0.2466, 0.2284



11.3189, 0.2983, 0.3194



11.2168, 0.1866, 0.1919



0.6707, 0.1954, 0.2235

Previews

White Background



This preview shows how the Yxy color 36.5722, 0.3881, 0.3688 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 36.5722, 0.3881, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

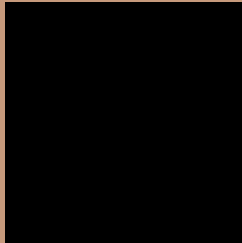
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5722, 0.3881, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 36.5722, 0.3881, 0.3688.



This preview shows how white text looks on a background with the Yxy color 36.5722, 0.3881, 0.3688.

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

36.5722, 0.3881, 0.3688

Protanopia

36.7516, 0.3555, 0.3793

Deuteranopia

36.7756, 0.3804, 0.3737



Tritanopia

36.5895, 0.3568, 0.3150

Trichromacy



Original Color

36.5722, 0.3881, 0.3688

Protanomaly

36.7412, 0.3668, 0.3751

Deuteranomaly

36.7015, 0.3830, 0.3721

Tritanomaly

36.6573, 0.3687, 0.3344

Monochromacy



Original Color

36.5722, 0.3881, 0.3688

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5416, 0.3386, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5722, 0.3881, 0.3688 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(198, 154, 124)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 124)  
}
```

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(198, 154, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 124) }
```

Border

The CSS property to change the border of an element to Yxy 36.5722, 0.3881, 0.3688 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(198, 154, 124) }
```

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

```
.border{ border-color:rgb(198, 154, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 124);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5722, 0.3881, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 124) }
```

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

```
.background{ background-color: rgb(198,  
154, 124) }
```

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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