

Converting Colors

$Y_{xy}(37.5756, 0.4091, 0.3770)$

Have a look what the booklet for
Yxy(37.5756, 0.4091, 0.3770)
contains.

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Color

Yxy(37.5756, 0.4091, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	D19973
RGB	209, 153, 115
RGB Percent	82%, 60%, 45%
CMY	0.1805, 0.3999, 0.5491
CMYK	0.00, 0.27, 0.45, 0.18
HSL	24°, 51%, 64%
HSV	24°, 45%, 82%
XYZ	40.7750, 37.5756, 21.3194
YIQ	165.4120, 45.5740, 0.0540

Conversions

Conversions Part 2

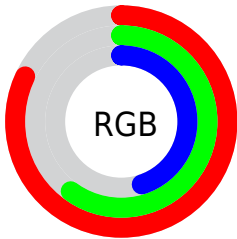
Format	Color
R _Y B	209, 179, 115
Decimal	13736307
CIE Lab	67.71, 16.29, 28.19
CIE LCh	68, 32.556, 59.967
Yxy	37.5756, 0.4091, 0.3770
Android (android.graphics.Color)	4291926387 (0xFFD19973)
YUV	165.4120, -24.8531, 38.2267
Hunter-Lab	61.2989, 11.4620, 22.2885

Details

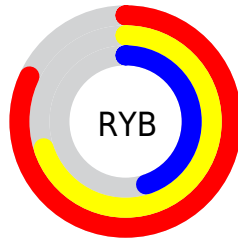
The Yxy color **37.5756, 0.4091, 0.3770** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3532, 0.2431, 0.2741**, and the grayscale version is **37.9406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6757, 0.3806, 0.3706**, and **16.5715, 0.4383, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **33.2861, 0.4387, 0.3866**, and if you desaturate by 10%, it is **42.4025, 0.3823, 0.3663**.

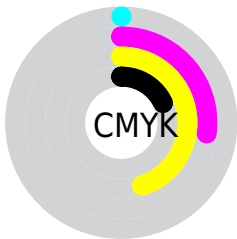
Distribution



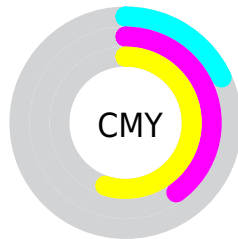
- Red (82%)
- Green (60%)
- Blue (45%)



- Red (82%)
- Yellow (70%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5756, 0.4091, 0.3770 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 37.5756, 0.4091, 0.3770 by changing the saturation by 10% instead.


 37.5756, 0.4091,
0.3770


 37.5756, 0.4091,
0.3770


335.7959, 0.3591,
0.3542

 25.6535, 0.4219,
0.3820


 71.4572, 0.3906,
0.3691


 16.5646, 0.4384,
0.3880


 94.1854, 0.3838,
0.3660

 9.9245, 0.4603,
0.3949


 121.2845, 0.3780,
0.3634

 5.3490, 0.4903,
0.4022

 153.1387, 0.3731,
0.3611

 2.4534, 0.5507,
0.4212

190.1326, 0.3689,
0.3590

 0.8532, 0.5971,
0.4029

232.6505, 0.3652,

 0.0000, 1.0000,

0.3572

0.0000

281.0768, 0.3620,
0.3556

0.0000, 0.0000,
0.0000

37.5756, 0.4091,
0.3770

37.5756, 0.4091,
0.3770

33.2861, 0.4387,
0.3866

42.4025, 0.3823,
0.3663

29.5083, 0.4703,
0.3939

47.7806, 0.3587,
0.3552

26.2218, 0.5023,
0.3976


53.7297, 0.3382,
0.3443


23.4026, 0.5324,
0.3966


60.2672, 0.3206,
0.3339

21.0237, 0.5582,
0.3903


67.4093, 0.3054,
0.3242

 19.9788, 0.5697,
0.3858

 75.1719, 0.2924,
0.3152

 83.1595, 0.2846,
0.3134

 90.7431, 0.2853,
0.3264

 92.2921, 0.2855,
0.3289

Harmonies

Analogous

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



37.5756, 0.4035, 0.3388



37.5756, 0.4091, 0.3770



37.5756, 0.3870, 0.4071

Triad

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



37.5756, 0.4091, 0.3770



37.5756, 0.2552, 0.3566



37.5756, 0.2750, 0.2535

Complementary

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



37.5756, 0.4091, 0.3770



37.3532, 0.2431, 0.2741

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.



37.5756, 0.2403, 0.2529



37.5756, 0.4091, 0.3770



37.5756, 0.2295, 0.3082

Square

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



37.5756, 0.4091, 0.3770



37.5756, 0.2973, 0.3992



37.5756, 0.2244, 0.2712



37.5756, 0.3226, 0.2709

Rectangle

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



37.5756, 0.4091, 0.3770



37.5756, 0.3608, 0.4170



37.5756, 0.2244, 0.2712



37.5756, 0.2616, 0.2513

Sweetspot

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



37.5774, 0.4091, 0.3770



86.0930, 0.3348, 0.3424



28.7657, 0.3594, 0.2597



17.9565, 0.3390, 0.3447



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.



37.5774, 0.4091, 0.3770



52.4437, 0.4376, 0.3863



55.9033, 0.3835, 0.4293



12.5823, 0.3281, 0.3385



12.5034, 0.5672, 0.3878



0.8531, 0.5339, 0.4143

Inverse Universe

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



37.3532, 0.2431, 0.2741



52.0016, 0.2294, 0.2598



22.7589, 0.2308, 0.2033



12.5712, 0.2983, 0.3194



11.9922, 0.1866, 0.1917



0.8241, 0.1943, 0.2195

Previews

White Background



This preview shows how the Yxy color 37.5756, 0.4091, 0.3770 looks on a white background.

Color Contrast Check

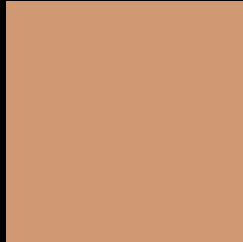
Large Text (above 18pt) WCAG AA × Fail

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 37.5756, 0.4091, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

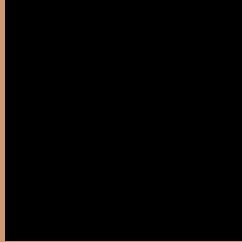
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5756, 0.4091, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 37.5756, 0.4091, 0.3770.



This preview shows how white text looks on a background with the Yxy color 37.5756, 0.4091, 0.3770.

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

37.5756, 0.4091, 0.3770

Protanopia

37.7313, 0.3662, 0.3925

Deuteranopia

37.5389, 0.3948, 0.3871



Tritanopia

37.4822, 0.3708, 0.3155

Trichromacy



Original Color

37.5756, 0.4091, 0.3770

Protanomaly

37.6166, 0.3812, 0.3875

Deuteranomaly

37.4093, 0.4001, 0.3837

Tritanomaly

37.4449, 0.3861, 0.3380

Monochromacy



Original Color

37.5756, 0.4091, 0.3770

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.4201, 0.3453, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5756, 0.4091, 0.3770 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(209, 153, 115)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 115)  
}
```

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(209, 153, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 115) }
```

Border

The CSS property to change the border of an element to Yxy 37.5756, 0.4091, 0.3770 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(209, 153, 115) }
```

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

```
.border{ border-color:rgb(209, 153, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 115);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5756, 0.4091, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 115) }
```

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

```
.background{ background-color: rgb(209,  
153, 115) }
```

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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