

Converting Colors

$Yxy(37.6928, 0.3730, 0.3983)$

Have a look what the booklet for
Yxy(37.6928, 0.3730, 0.3983)
contains.

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Color

Yxy(37.8514, 0.3728, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	B4A573
RGB	180, 165, 115
RGB Percent	71%, 65%, 45%
CMY	0.2941, 0.3529, 0.5490
CMYK	0.00, 0.08, 0.36, 0.29
HSL	46°, 30%, 58%
HSV	46°, 36%, 71%
XYZ	35.3748, 37.8514, 21.6633
YIQ	163.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

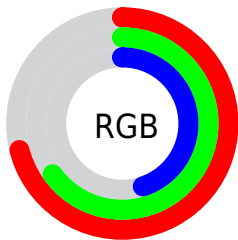
Format	Color
RYB	135, 180, 115
Decimal	11838835
CIELab	67.91, -2.03, 27.92
CIELCh	68, 27.990, 94.155
Yxy	37.8514, 0.3728, 0.3989
Android (android.graphics.Color)	4290028915 (0xFFB4A573)
YUV	163.7850, -24.0510, 14.2206
Hunter-Lab	61.5235, -5.0322, 22.1896

Details

The Yxy color **37.8514, 0.3728, 0.3989** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.9126, 0.2516, 0.2475**, and the grayscale version is **37.1262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9809, 0.3621, 0.3862**, and **16.6392, 0.3904, 0.4193** is the 20% darker color. If you saturate the color by 10%, you get **36.0027, 0.3910, 0.4177**, and if you desaturate by 10%, it is **39.8333, 0.3549, 0.3793**.

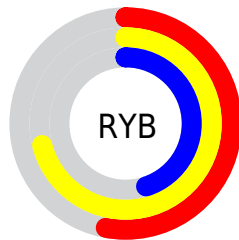
Distribution



Red (71%)

Green (65%)

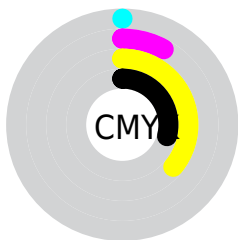
Blue (45%)



Red (53%)

Yellow (71%)

Blue (45%)

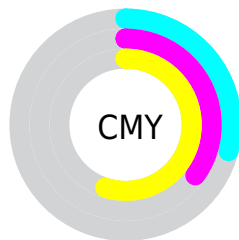


Cyan (0%)

Magenta (8%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8514, 0.3728, 0.3989 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 37.8514, 0.3728, 0.3989 by changing the saturation by 10% instead.

 37.8514, 0.3728,
0.3989


 37.8514, 0.3728,
0.3989


336.9821, 0.3422,
0.3630


 25.8674, 0.3804,
0.4080


 71.8803, 0.3616,
0.3857

 16.7245, 0.3901,
0.4197


 94.6940, 0.3575,
0.3808

 10.0382, 0.4027,
0.4350


 121.8864, 0.3539,
0.3766

 5.4243, 0.4194,
0.4558

153.8418, 0.3509,
0.3731

 2.4983, 0.4570,
0.5014

190.9447, 0.3483,
0.3701

 0.8758, 0.4720,
0.5280

233.5794, 0.3460,

 0.0000, 0.0000,

0.3674

0.0000

282.1304, 0.3440,
0.3651

■ 37.8514, 0.3728,
0.3989

■ 37.8514, 0.3728,
0.3989

■ 36.0027, 0.3910,
0.4177

■ 39.8333, 0.3549,
0.3793

■ 34.2768, 0.4090,
0.4348

■ 41.9479, 0.3379,
0.3596

■ 32.6697, 0.4259,
0.4491

■ 44.2015, 0.3219,
0.3403

■ 31.1750, 0.4411,
0.4597

■ 46.5983, 0.3071,
0.3220

■ 29.7856, 0.4537,
0.4659

■ 49.1423, 0.2937,
0.3047

■ 28.4920, 0.4635,
0.4674

■ 51.8373, 0.2815,
0.2887

■ 28.0074, 0.4669,
0.4674

■ 54.6869, 0.2706,
0.2739

■ 57.4330, 0.2630,
0.2644

■ 59.3633, 0.2635,
0.2693

Harmonies

Analogous

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



37.8514, 0.3942, 0.3755



37.8514, 0.3728, 0.3989



37.8514, 0.3358, 0.4037

Triad

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



37.8514, 0.3728, 0.3989



37.8514, 0.2388, 0.3065



37.8514, 0.3275, 0.2816

Complementary

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



37.8514, 0.3728, 0.3989



22.9126, 0.2516, 0.2475

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.



37.8514, 0.2857, 0.2646



37.8514, 0.3728, 0.3989



37.8514, 0.2369, 0.2763

Square

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



37.8514, 0.3728, 0.3989



37.8514, 0.2592, 0.3470



37.8514, 0.2533, 0.2621



37.8514, 0.3676, 0.3094

Rectangle

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



37.8514, 0.3728, 0.3989



37.8514, 0.3079, 0.3934



37.8514, 0.2533, 0.2621



37.8514, 0.3131, 0.2745

Sweetspot

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



37.8531, 0.3728, 0.3989



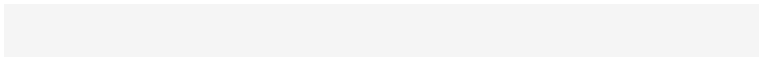
78.0268, 0.3298, 0.3500



23.5848, 0.3776, 0.3071



16.7476, 0.3320, 0.3526



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.8531, 0.3728, 0.3989



66.0455, 0.3867, 0.4134



41.6389, 0.3497, 0.4226



9.5672, 0.3269, 0.3464



19.6496, 0.4662, 0.4680



0.6998, 0.4507, 0.4803

Inverse Universe

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



22.9126, 0.2516, 0.2475



35.1419, 0.2372, 0.2266



20.4925, 0.2651, 0.2269



8.5382, 0.2985, 0.3110



3.5220, 0.1576, 0.0873



0.2002, 0.1725, 0.1411

Previews

White Background



This preview shows how the Yxy color 37.8514, 0.3728, 0.3989 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 37.8514, 0.3728, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

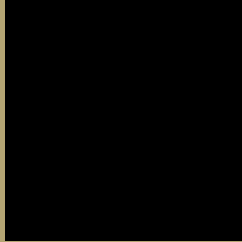
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8514, 0.3728, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 37.8514, 0.3728, 0.3989.



This preview shows how white text looks on a background with the Yxy color 37.8514, 0.3728, 0.3989.

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

37.8514, 0.3728, 0.3989

Protanopia

37.7318, 0.3718, 0.3992

Deuteranopia

37.5850, 0.3929, 0.3845



Tritanopia

37.7951, 0.3290, 0.3130

Trichromacy



Original Color

37.8514, 0.3728, 0.3989

Protanomaly

37.7318, 0.3718, 0.3992

Deuteranomaly

37.8271, 0.3851, 0.3897

Tritanomaly

37.8821, 0.3454, 0.3442

Monochromacy



Original Color

37.8514, 0.3728, 0.3989

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.1723, 0.3346, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8514, 0.3728, 0.3989 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(180, 165, 115)` looks like.

```
.text, #text, p{  
    color:rgb(180, 165, 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(180, 165, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 165, 115) }
```

Border

The CSS property to change the border of an element to Yxy 37.8514, 0.3728, 0.3989 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(180, 165, 115) }
```

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

```
.border{ border-color:rgb(180, 165, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 165, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 165, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 165, 115);  
box-shadow:4px 4px 4px 4px rgb(180, 165,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8514, 0.3728, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 165, 115) }
```

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

```
.background{ background-color: rgb(180,  
165, 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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