

Converting Colors

$Yxy(37.1183, 0.3232, 0.4107)$

Have a look what the booklet for
Yxy(37.1183, 0.3232, 0.4107)
contains.

Yxy(37.0805, 0.3228, 0.4109)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0805, 0.3228, 0.4109)

Conversions

Conversions Part 1

Format	Color
Hex	8AAE7A
RGB	138, 174, 122
RGB Percent	54%, 68%, 48%
CMY	0.4588, 0.3176, 0.5216
CMYK	0.21, 0.00, 0.30, 0.32
HSL	102°, 24%, 58%
HSV	102°, 30%, 68%
XYZ	29.1302, 37.0805, 24.0315
YIQ	157.3080, -4.7640, -23.8040

Conversions

Conversions Part 2

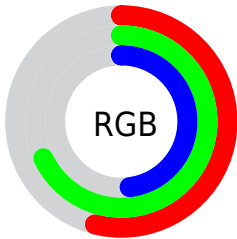
Format	Color
RYB	122, 174, 158
Decimal	9088634
CIELab	67.34, -22.10, 22.82
CIELCh	67, 31.769, 134.086
Yxy	37.0805, 0.3228, 0.4109
Android (android.graphics.Color)	4287278714 (0xFF8AAE7A)
YUV	157.3080, -17.4068, -16.9331
Hunter-Lab	60.8938, -21.1738, 19.2271

Details

The Yxy color **37.0805, 0.3228, 0.4109** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.2418, 0.2985, 0.2521**, and the grayscale version is **33.9452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8952, 0.3212, 0.3942**, and **16.1820, 0.3240, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **35.7177, 0.3253, 0.4423**, and if you desaturate by 10%, it is **38.6377, 0.3197, 0.3811**.

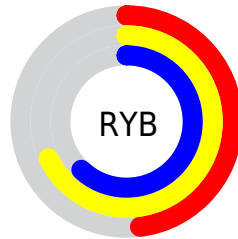
Distribution



Red (54%)

Green (68%)

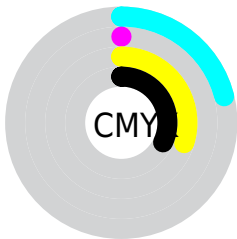
Blue (48%)



Red (48%)

Yellow (68%)

Blue (62%)

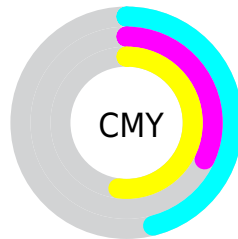


Cyan (21%)

Magenta (0%)

Yellow (30%)

Black (32%)



Cyan (46%)


Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0805, 0.3228, 0.4109 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 37.0805, 0.3228, 0.4109 by changing the saturation by 10% instead.


 37.0805, 0.3228,
0.4109


 37.0805, 0.3228,
0.4109


333.6589, 0.3186,
0.3668


 25.2698, 0.3235,
0.4230


 70.6966, 0.3215,
0.3941

 16.2782, 0.3241,
0.4392

 93.2708, 0.3209,
0.3880

 9.7212, 0.3242,
0.4620


 120.2016, 0.3204,
0.3829

 5.2145, 0.3231,
0.4960

151.8734, 0.3200,
0.3787

 2.3737, 0.3228,
0.5605

188.6707, 0.3196,
0.3751

 0.8123, 0.2225,
0.7775

230.9778, 0.3192,

 0.0000, 0.0000,

0.3719

0.0000

279.1790, 0.3189,
0.3692

■ 37.0805, 0.3228,
0.4109

■ 37.0805, 0.3228,
0.4109

■ 35.7177, 0.3253,
0.4423

■ 38.6377, 0.3197,
0.3811

■ 34.5366, 0.3268,
0.4744

■ 40.3918, 0.3163,
0.3536

■ 33.5304, 0.3272,
0.5056

■ 42.3513, 0.3127,
0.3287

■ 32.6901, 0.3262,
0.5341

■ 44.5229, 0.3090,
0.3065

■ 32.0055, 0.3237,
0.5580

■ 46.9127, 0.3055,
0.2867

■ 31.4651, 0.3197,
0.5758

■ 49.5270, 0.3021,
0.2692

■ 31.0499, 0.3151,
0.5879

■ 52.3714, 0.2988,
0.2538

■ 31.0458, 0.3151,
0.5880

■ 55.0459, 0.3002,
0.2458

■ 57.1583, 0.3096,
0.2481

Harmonies

Analogous

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



37.0805, 0.3682, 0.4135



37.0805, 0.3228, 0.4109



37.0805, 0.2767, 0.3801

Triad

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



37.0805, 0.3228, 0.4109



37.0805, 0.2309, 0.2615



37.0805, 0.3876, 0.3186

Complementary

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



37.0805, 0.3228, 0.4109



24.2418, 0.2985, 0.2521

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.



37.0805, 0.3456, 0.2846



37.0805, 0.3228, 0.4109



37.0805, 0.2556, 0.2523

Square

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



37.0805, 0.3228, 0.4109



37.0805, 0.2261, 0.2896



37.0805, 0.2968, 0.2610



37.0805, 0.4079, 0.3568

Rectangle

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



37.0805, 0.3228, 0.4109



37.0805, 0.2518, 0.3495



37.0805, 0.2968, 0.2610



37.0805, 0.3754, 0.3065

Sweetspot

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



37.0821, 0.3228, 0.4109



73.5107, 0.3160, 0.3517



34.6989, 0.3632, 0.3806



16.2314, 0.3165, 0.3555



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.0821, 0.3228, 0.4109



65.5535, 0.3245, 0.4320



36.0636, 0.3015, 0.3983



9.0545, 0.3161, 0.3521



22.5448, 0.3158, 0.5875



0.6564, 0.3406, 0.5677

Inverse Universe

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



24.2418, 0.2985, 0.2521



38.3984, 0.2943, 0.2338



25.6137, 0.3265, 0.2684



8.0225, 0.3090, 0.3063



5.1676, 0.2455, 0.1126



0.1708, 0.2694, 0.1257

Previews

White Background



This preview shows how the Yxy color 37.0805, 0.3228, 0.4109 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 37.0805, 0.3228, 0.4109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

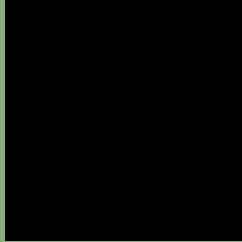
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0805, 0.3228, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 37.0805, 0.3228, 0.4109.



This preview shows how white text looks on a background with the Yxy color 37.0805, 0.3228, 0.4109.

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

37.0805, 0.3228, 0.4109

Protanopia

36.7088, 0.3677, 0.3946

Deuteranopia

36.8268, 0.3784, 0.3710



Tritanopia

37.1358, 0.2846, 0.3100

Trichromacy



Original Color

37.0805, 0.3228, 0.4109

Protanomaly

36.6507, 0.3501, 0.4004

Deuteranomaly

36.4457, 0.3562, 0.3840

Tritanomaly

37.1819, 0.2986, 0.3456

Monochromacy



Original Color

37.0805, 0.3228, 0.4109

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.6920, 0.3170, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0805, 0.3228, 0.4109 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(138, 174, 122)` looks like.

```
.text, #text, p{  
    color:rgb(138, 174, 122)  
}
```

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(138, 174, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 174, 122) }
```

Border

The CSS property to change the border of an element to Yxy 37.0805, 0.3228, 0.4109 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(138, 174, 122) }
```

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

```
.border{ border-color:rgb(138, 174, 122) }
```

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

Here you see how a box with a 4 pixel rgb(138, 174, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 174, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 174, 122);  
box-shadow:4px 4px 4px 4px rgb(138, 174,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0805, 0.3228, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 174, 122) }
```

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

```
.background{ background-color: rgb(138,  
174, 122) }
```

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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