

Converting Colors

$Yxy(37.6917, 0.3279, 0.4247)$

Have a look what the booklet for
Yxy(37.6917, 0.3279, 0.4247)
contains.

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Color

Yxy(37.6917, 0.3279, 0.4247)

Conversions

Conversions Part 1

Format	Color
Hex	8AB073
RGB	138, 176, 115
RGB Percent	54%, 69%, 45%
CMY	0.4588, 0.3098, 0.5491
CMYK	0.22, 0.00, 0.35, 0.31
HSL	97°, 28%, 57%
HSV	97°, 35%, 69%
XYZ	29.1008, 37.6917, 21.9565
YIQ	157.6840, -3.0670, -27.0270

Conversions

Conversions Part 2

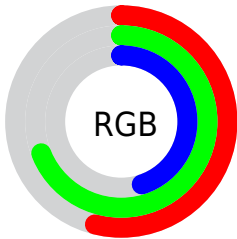
Format	Color
RYB	115, 176, 153
Decimal	9089139
CIELab	67.79, -24.18, 27.19
CIElCh	68, 36.385, 131.647
Yxy	37.6917, 0.3279, 0.4247
Android (android.graphics.Color)	4287279219 (0xFF8AB073)
YUV	157.6840, -21.0432, -17.2629
Hunter-Lab	61.3936, -22.8290, 21.7713

Details

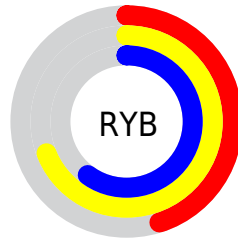
The Yxy color **37.6917, 0.3279, 0.4247** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1641, 0.2908, 0.2378**, and the grayscale version is **34.1400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7097, 0.3259, 0.4060**, and **16.5855, 0.3304, 0.4568** is the 20% darker color. If you saturate the color by 10%, you get **36.4378, 0.3310, 0.4558**, and if you desaturate by 10%, it is **39.1206, 0.3240, 0.3946**.

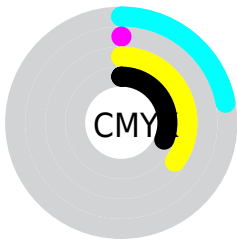
Distribution



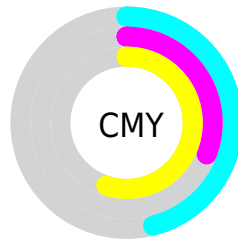
- Red (54%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)





- Cyan (46%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.6917, 0.3279, 0.4247 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 37.6917, 0.3279, 0.4247 by changing the saturation by 10% instead.


 37.6917, 0.3279,
0.4247


 37.6917, 0.3279,
0.4247


336.2956, 0.3214,
0.3731

 25.7435, 0.3290,
0.4388


 71.6353, 0.3259,
0.4051

 16.6318, 0.3299,
0.4575


 94.3996, 0.3250,
0.3980

 9.9724, 0.3304,
0.4837


 121.5380, 0.3243,
0.3921

 5.3806, 0.3289,
0.5221

153.4348, 0.3236,
0.3871

 2.4723, 0.3342,
0.6061

190.4747, 0.3229,
0.3829

 0.8627, 0.2103,
0.7897

233.0418, 0.3224,

 0.0000, 0.0000,

0.3792

0.0000

281.5206, 0.3219,
0.3760

■ 37.6917, 0.3279,
0.4247

■ 37.6917, 0.3279,
0.4247

■ 36.4378, 0.3310,
0.4558

■ 39.1206, 0.3240,
0.3946

■ 35.3469, 0.3329,
0.4867

■ 40.7262, 0.3196,
0.3663

■ 34.4126, 0.3334,
0.5159


■ 42.5167, 0.3149,
0.3403

■ 33.6266, 0.3321,
0.5415


■ 44.4980, 0.3102,
0.3167


■ 32.9793, 0.3291,
0.5621


■ 46.6759, 0.3056,
0.2956


 32.4597, 0.3245,
0.5766

 49.0557, 0.3011,
0.2768

 32.2242, 0.3218,
0.5827

 51.6428, 0.2969,
0.2602

 54.3913, 0.2935,
0.2462

 56.2171, 0.3020,
0.2482

Harmonies

Analogous

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



37.6917, 0.3788, 0.4239



37.6917, 0.3279, 0.4247



37.6917, 0.2754, 0.3917

Triad

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



37.6917, 0.3279, 0.4247



37.6917, 0.2193, 0.2542



37.6917, 0.3949, 0.3133

Complementary

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



37.6917, 0.3279, 0.4247



22.1641, 0.2908, 0.2378

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.



37.6917, 0.3454, 0.2763



37.6917, 0.3279, 0.4247



37.6917, 0.2451, 0.2428

Square

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



37.6917, 0.3279, 0.4247



37.6917, 0.2157, 0.2871



37.6917, 0.2900, 0.2512



37.6917, 0.4205, 0.3558

Rectangle

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



37.6917, 0.3279, 0.4247



37.6917, 0.2465, 0.3566



37.6917, 0.2900, 0.2512



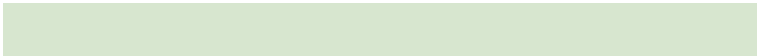
37.6917, 0.3803, 0.3000

Sweetspot

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



37.6933, 0.3279, 0.4247



75.2772, 0.3175, 0.3543



33.1244, 0.3743, 0.3836



16.2186, 0.3181, 0.3579



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.



37.6933, 0.3279, 0.4247



66.4994, 0.3305, 0.4498



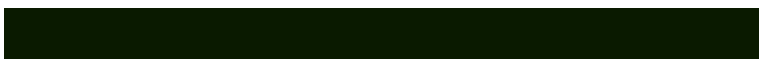
36.1039, 0.3027, 0.4186



9.6411, 0.3171, 0.3521



23.6735, 0.3226, 0.5821



0.7789, 0.3463, 0.5633

Inverse Universe

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



22.1641, 0.2908, 0.2378



33.8460, 0.2841, 0.2154



24.3492, 0.3246, 0.2535



8.4834, 0.3079, 0.3061



4.7480, 0.2295, 0.1038



0.1815, 0.2555, 0.1181

Previews

White Background



This preview shows how the Yxy color 37.6917, 0.3279, 0.4247 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 37.6917, 0.3279, 0.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

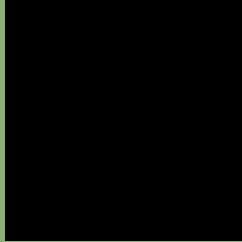
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6917, 0.3279, 0.4247

Background



This preview shows how black text looks on a background with the Yxy color 37.6917, 0.3279, 0.4247.



This preview shows how white text looks on a background with the Yxy color 37.6917, 0.3279, 0.4247.

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

37.6917, 0.3279, 0.4247

Protanopia

37.6198, 0.3762, 0.4060

Deuteranopia

37.3877, 0.3879, 0.3811



Tritanopia

37.6374, 0.2848, 0.3101

Trichromacy



Original Color

37.6917, 0.3279, 0.4247

Protanomaly

37.4383, 0.3574, 0.4127

Deuteranomaly

37.2169, 0.3639, 0.3963

Tritanomaly

37.4894, 0.3002, 0.3501

Monochromacy



Original Color

37.6917, 0.3279, 0.4247

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.4426, 0.3195, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6917, 0.3279, 0.4247 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, 176, 115)` looks like.

```
.text, #text, p{  
    color:rgb(138, 176, 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(138, 176, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 176, 115) }
```

Border

The CSS property to change the border of an element to Yxy 37.6917, 0.3279, 0.4247 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, 176, 115) }
```

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

```
.border{ border-color:rgb(138, 176, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 176, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 176, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 176, 115);  
box-shadow:4px 4px 4px 4px rgb(138, 176,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6917, 0.3279, 0.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 176, 115) }
```

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

```
.background{ background-color: rgb(138,  
176, 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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