

Converting Colors

$Yxy(37.4807, 0.2749, 0.3491)$

Have a look what the booklet for
Yxy(37.4807, 0.2749, 0.3491)
contains.

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Color

Yxy(37.4769, 0.2747, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	75B0A3
RGB	117, 176, 163
RGB Percent	46%, 69%, 64%
CMY	0.5412, 0.3098, 0.3607
CMYK	0.34, 0.00, 0.07, 0.31
HSL	167°, 27%, 57%
HSV	167°, 34%, 69%
XYZ	29.4730, 37.4769, 40.3416
YIQ	156.8770, -30.9910, -16.5510

Conversions

Conversions Part 2

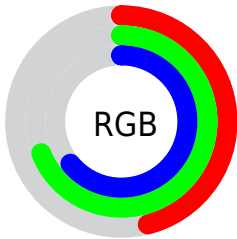
Format	Color
R _{YB}	117, 150, 176
Decimal	7712931
CIE Lab	67.63, -22.06, 0.55
CIE LCh	68, 22.068, 178.574
Yxy	37.4769, 0.2747, 0.3493
Android (android.graphics.Color)	4285903011 (0xFF75B0A3)
YUV	156.8770, 3.0186, -34.9721
Hunter-Lab	61.2184, -21.1952, 3.7820

Details

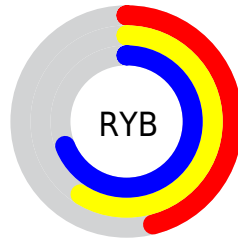
The Yxy color **37.4769, 0.2747, 0.3493** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.5621, 0.3722, 0.3099**, and the grayscale version is **33.6559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4331, 0.2820, 0.3454**, and **16.4374, 0.2629, 0.3562** is the 20% darker color. If you saturate the color by 10%, you get **36.2351, 0.2654, 0.3564**, and if you desaturate by 10%, it is **38.9551, 0.2851, 0.3426**.

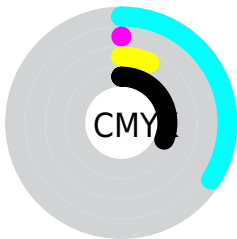
Distribution



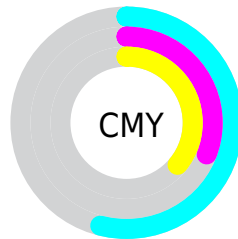
- Red (46%)
- Green (69%)
- Blue (64%)



- Red (46%)
- Yellow (59%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)





- Cyan (54%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4769, 0.2747, 0.3493 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 37.4769, 0.2747, 0.3493 by changing the saturation by 10% instead.


 37.4769, 0.2747,
0.3493


 37.4769, 0.2747,
0.3493


335.3707, 0.2944,
0.3388


 25.5769, 0.2696,
0.3521


 71.3057, 0.2820,
0.3454

 16.5074, 0.2629,
0.3557


 94.0032, 0.2847,
0.3439

 9.8839, 0.2537,
0.3606


 121.0688, 0.2870,
0.3427

 5.3221, 0.2404,
0.3678

152.8868, 0.2889,
0.3417

 2.4374, 0.2196,
0.3792

189.8416, 0.2905,
0.3408

 0.8451, 0.1329,
0.4243

232.3176, 0.2920,

 0.0000, 0.0000,

0.3401

0.0000

280.6991, 0.2932,
0.3394

■ 37.4769, 0.2747,
0.3493

■ 37.4769, 0.2747,
0.3493

■ 36.2351, 0.2654,
0.3564

■ 38.9551, 0.2851,
0.3426

■ 35.2124, 0.2576,
0.3639

■ 40.6772, 0.2965,
0.3365

■ 34.3960, 0.2515,
0.3717


■ 42.6557, 0.3084,
0.3309

■ 33.7701, 0.2472,
0.3797

■ 44.9011, 0.3207,
0.3258


■ 33.3164, 0.2449,
0.3877


■ 47.4232, 0.3332,
0.3212

 33.0132, 0.2444,
0.3957

 50.2312, 0.3456,
0.3172

 32.8664, 0.2447,
0.4008

 53.3341, 0.3578,
0.3137

 56.2065, 0.3672,
0.3104

 56.3827, 0.3638,
0.3064

Harmonies

Analogous

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



37.4769, 0.3045, 0.3763



37.4769, 0.2747, 0.3493



37.4769, 0.2555, 0.3173

Triad

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



37.4769, 0.2747, 0.3493



37.4769, 0.2858, 0.2758



37.4769, 0.3784, 0.3623

Complementary

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



37.4769, 0.2747, 0.3493



23.5621, 0.3722, 0.3099

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.



37.4769, 0.3733, 0.3357



37.4769, 0.2747, 0.3493



37.4769, 0.3184, 0.2875

Square

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



37.4769, 0.2747, 0.3493



37.4769, 0.2617, 0.2766



37.4769, 0.3509, 0.3089



37.4769, 0.3649, 0.3822

Rectangle

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



37.4769, 0.2747, 0.3493



37.4769, 0.2508, 0.2987



37.4769, 0.3509, 0.3089



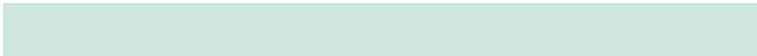
37.4769, 0.3789, 0.3538

Sweetspot

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



37.4784, 0.2747, 0.3493



74.9228, 0.3004, 0.3345



37.1423, 0.3199, 0.4234



16.1337, 0.2988, 0.3353



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.



37.4784, 0.2747, 0.3493



66.3123, 0.2679, 0.3544



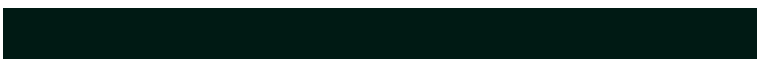
32.1503, 0.2628, 0.3040



9.5989, 0.3014, 0.3341



24.1228, 0.2444, 0.4000



0.7670, 0.2383, 0.3778

Inverse Universe

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



23.5621, 0.3722, 0.3099



37.2962, 0.3909, 0.3058



27.2154, 0.3816, 0.3525



8.5349, 0.3254, 0.3240



6.8858, 0.5987, 0.3072



0.2254, 0.5221, 0.2650

Previews

White Background



This preview shows how the Yxy color 37.4769, 0.2747, 0.3493 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 37.4769, 0.2747, 0.3493 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 37.4769, 0.2747, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 37.4769, 0.2747, 0.3493.



This preview shows how white text looks on a background with the Yxy color 37.4769, 0.2747, 0.3493.

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

37.4769, 0.2747, 0.3493

Protanopia

37.0297, 0.3247, 0.3390

Deuteranopia

37.1700, 0.3248, 0.3181



Tritanopia

37.5699, 0.2621, 0.3094

Trichromacy



Original Color

37.4769, 0.2747, 0.3493

Protanomaly

36.9925, 0.3039, 0.3424

Deuteranomaly

36.7314, 0.3036, 0.3275

Tritanomaly

37.4795, 0.2663, 0.3228

Monochromacy



Original Color

37.4769, 0.2747, 0.3493

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.8049, 0.2968, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4769, 0.2747, 0.3493 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(117, 176, 163)` looks like.

```
.text, #text, p{  
    color:rgb(117, 176, 163)  
}
```

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(117, 176, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 176, 163) }
```

Border

The CSS property to change the border of an element to Yxy 37.4769, 0.2747, 0.3493 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(117, 176, 163) }
```

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

```
.border{ border-color:rgb(117, 176, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 176, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 176, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 176, 163);  
box-shadow:4px 4px 4px 4px rgb(117, 176,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4769, 0.2747, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 176, 163) }
```

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

```
.background{ background-color: rgb(117,  
176, 163) }
```

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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