

Converting Colors

$Yxy(37.4181, 0.3295, 0.3996)$

Have a look what the booklet for
Yxy(37.4181, 0.3295, 0.3996)
contains.

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Color

Yxy(37.3073, 0.3292, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	94AC7E
RGB	148, 172, 126
RGB Percent	58%, 67%, 49%
CMY	0.4195, 0.3255, 0.5059
CMYK	0.14, 0.00, 0.27, 0.33
HSL	91°, 22%, 58%
HSV	91°, 27%, 67%
XYZ	30.7346, 37.3073, 25.3197
YIQ	159.5800, 0.4620, -19.3940

Conversions

Conversions Part 2

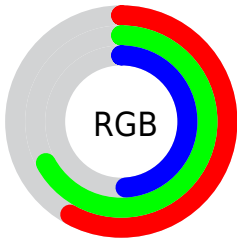
Format	Color
RYB	126, 172, 150
Decimal	9743486
CIELab	67.51, -16.75, 20.99
CIELCh	68, 26.857, 128.598
Yxy	37.3073, 0.3292, 0.3996
Android (android.graphics.Color)	4287933566 (0xFF94AC7E)
YUV	159.5800, -16.5549, -10.1557
Hunter-Lab	61.0797, -17.0702, 18.1780

Details

The Yxy color $37.3073, 0.3292, 0.3996$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $24.3819, 0.2919, 0.2590$, and the grayscale version is $35.0306, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.7494, 0.3261, 0.3848$, and $16.5102, 0.3328, 0.4231$ is the 20% darker color. If you saturate the color by 10%, you get $36.0984, 0.3346, 0.4290$, and if you desaturate by 10%, it is $38.6605, 0.3232, 0.3716$.

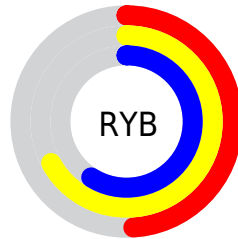
Distribution



Red (58%)

Green (67%)

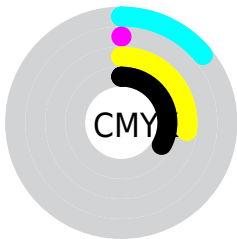
Blue (49%)



Red (49%)

Yellow (67%)

Blue (59%)

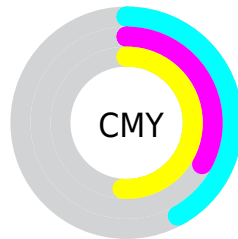


Cyan (14%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (42%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3073, 0.3292, 0.3996 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 37.3073, 0.3292, 0.3996 by changing the saturation by 10% instead.


 37.3073, 0.3292,
0.3996


 37.3073, 0.3292,
0.3996

334.6391, 0.3214,
0.3619


 25.4455, 0.3309,
0.4098


 71.0452, 0.3265,
0.3853

 16.4093, 0.3330,
0.4235


 93.6900, 0.3254,
0.3801

 9.8142, 0.3354,
0.4425


 120.6980, 0.3245,
0.3758

 5.2760, 0.3379,
0.4707

152.4536, 0.3237,
0.3721

 2.4101, 0.3414,
0.5199

189.3411, 0.3230,
0.3690

 0.8311, 0.3143,
0.6857

231.7449, 0.3224,

 0.0000, 0.0000,

0.3663

0.0000

280.0494, 0.3218,
0.3640

■ 37.3073, 0.3292,
0.3996

■ 37.3073, 0.3292,
0.3996

■ 36.0984, 0.3346,
0.4290

■ 38.6605, 0.3232,
0.3716

■ 35.0236, 0.3391,
0.4588

■ 40.1583, 0.3170,
0.3454

■ 34.0788, 0.3422,
0.4879

■ 41.8069, 0.3107,
0.3214

■ 33.2576, 0.3436,
0.5148

■ 43.6109, 0.3045,
0.2997

■ 32.5533, 0.3430,
0.5380

■ 45.5747, 0.2987,
0.2801

■ 31.9579, 0.3403,
0.5563

■ 47.7023, 0.2931,
0.2627

■ 31.4609, 0.3357,
0.5692

■ 49.9978, 0.2879,
0.2471

■ 31.3142, 0.3341,
0.5729

■ 51.8986, 0.2888,
0.2409

■ 53.3328, 0.2958,
0.2426

Harmonies

Analogous

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



37.3073, 0.3662, 0.3985



37.3073, 0.3292, 0.3996



37.3073, 0.2893, 0.3778

Triad

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



37.3073, 0.3292, 0.3996



37.3073, 0.2407, 0.2751



37.3073, 0.3704, 0.3148

Complementary

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



37.3073, 0.3292, 0.3996



24.3819, 0.2919, 0.2590

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.



37.3073, 0.3332, 0.2866



37.3073, 0.3292, 0.3996



37.3073, 0.2591, 0.2637

Square

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



37.3073, 0.3292, 0.3996



37.3073, 0.2399, 0.3022



37.3073, 0.2923, 0.2683



37.3073, 0.3915, 0.3475

Rectangle

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



37.3073, 0.3292, 0.3996



37.3073, 0.2664, 0.3537



37.3073, 0.2923, 0.2683



37.3073, 0.3592, 0.3046

Sweetspot

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



37.3089, 0.3292, 0.3996



72.4584, 0.3178, 0.3490



32.0149, 0.3600, 0.3642



15.6575, 0.3188, 0.3527



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.3089, 0.3292, 0.3996



66.3750, 0.3325, 0.4166



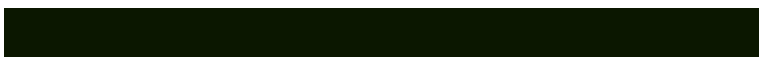
35.4661, 0.3086, 0.4028



9.1204, 0.3186, 0.3519



23.3360, 0.3349, 0.5723



0.6819, 0.3594, 0.5528

Inverse Universe

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



24.3819, 0.2919, 0.2590



39.0017, 0.2862, 0.2423



26.6415, 0.3166, 0.2648



7.9548, 0.3064, 0.3061



3.8535, 0.2080, 0.0920



0.1395, 0.2415, 0.1104

Previews

White Background



This preview shows how the Yxy color 37.3073, 0.3292, 0.3996 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 37.3073, 0.3292, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

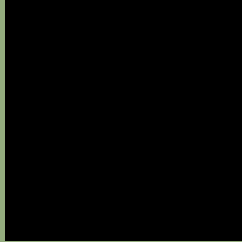
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3073, 0.3292, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 37.3073, 0.3292, 0.3996.



This preview shows how white text looks on a background with the Yxy color 37.3073, 0.3292, 0.3996.

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

37.3073, 0.3292, 0.3996

Protanopia

37.1862, 0.3627, 0.3888

Deuteranopia

37.2452, 0.3750, 0.3683



Tritanopia

37.1925, 0.2937, 0.3104

Trichromacy



Original Color

37.3073, 0.3292, 0.3996

Protanomaly

37.1745, 0.3506, 0.3935

Deuteranomaly

36.9830, 0.3576, 0.3789

Tritanomaly

37.2808, 0.3066, 0.3423

Monochromacy



Original Color

37.3073, 0.3292, 0.3996

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7570, 0.3192, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3073, 0.3292, 0.3996 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(148, 172, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 126)  
}
```

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(148, 172, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 126) }
```

Border

The CSS property to change the border of an element to Yxy 37.3073, 0.3292, 0.3996 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(148, 172, 126) }
```

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

```
.border{ border-color:rgb(148, 172, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 172, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3073, 0.3292, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 126) }
```

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

```
.background{ background-color: rgb(148,  
172, 126) }
```

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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