

Converting Colors

$Yxy(30.1007, 0.3636, 0.4232)$

Have a look what the booklet for
Yxy(30.1007, 0.3636, 0.4232)
contains.

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Color

Yxy(29.9983, 0.3636, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	95995F
RGB	149, 153, 95
RGB Percent	58%, 60%, 37%
CMY	0.4156, 0.4000, 0.6275
CMYK	0.03, 0.00, 0.38, 0.40
HSL	64°, 23%, 49%
HSV	64°, 38%, 60%
XYZ	25.8530, 29.9983, 15.2516
YIQ	145.1920, 16.2340, -18.8860

Conversions

Conversions Part 2

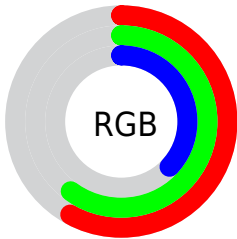
Format	Color
RYB	95, 153, 99
Decimal	9804127
CIELab	61.65, -10.75, 30.02
CIELCh	62, 31.882, 109.701
Yxy	29.9983, 0.3636, 0.4219
Android (android.graphics.Color)	4287994207 (0xFF95995F)
YUV	145.1920, -24.7447, 3.3396
Hunter-Lab	54.7707, -11.5927, 21.8295

Details

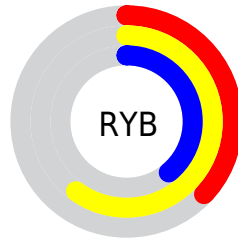
The Yxy color **29.9983, 0.3636, 0.4219** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.1340, 0.2497, 0.2189**, and the grayscale version is **28.4964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5383, 0.3544, 0.4027**, and **12.2494, 0.3781, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **29.6498, 0.3758, 0.4451**, and if you desaturate by 10%, it is **30.4050, 0.3504, 0.3974**.

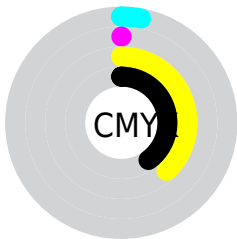
Distribution



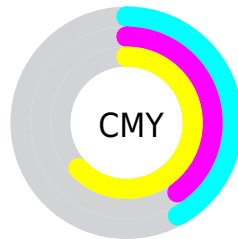
- Red (58%)
- Green (60%)
- Blue (37%)



- Red (37%)
- Yellow (60%)
- Blue (39%)



- Cyan (3%)
- Magenta (0%)
- Yellow (38%)
- Black (40%)





- Cyan (42%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9983, 0.3636, 0.4219 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 29.9983, 0.3636, 0.4219 by changing the saturation by 10% instead.


 29.9983, 0.3636,
0.4219


 29.9983, 0.3636,
0.4219


301.8965, 0.3375,
0.3714


 19.8373, 0.3700,
0.4357


 59.6595, 0.3541,
0.4026


 12.2768, 0.3779,
0.4540


 79.9285, 0.3505,
0.3957

 6.9325, 0.3876,
0.4791


 104.3356, 0.3475,
0.3899

 3.4199, 0.4023,
0.5199

 133.2652, 0.3449,
0.3850

 1.3547, 0.4172,
0.5828

167.1017, 0.3427,
0.3809

 0.1830, 0.0000,
1.0000

206.2295, 0.3407,

 0.0000, 0.0000,

0.3773

0.0000

251.0329, 0.3390,
0.3742

■ 29.9983, 0.3636,
0.4219

■ 29.9983, 0.3636,
0.4219

■ 29.6498, 0.3758,
0.4451

■ 30.4050, 0.3504,
0.3974

■ 29.3523, 0.3865,
0.4660

■ 30.8689, 0.3368,
0.3725

■ 29.1035, 0.3952,
0.4838


■ 31.3941, 0.3232,
0.3479

■ 28.8995, 0.4016,
0.4977


■ 31.9830, 0.3100,
0.3241

■ 28.7357, 0.4055,
0.5074

■ 32.6381, 0.2973,
0.3017


 28.6034, 0.4072,
0.5135

 33.3618, 0.2854,
0.2808

 28.5769, 0.4075,
0.5146

 34.1562, 0.2744,
0.2615

 35.0234, 0.2642,
0.2438

 35.9653, 0.2549,
0.2278

Harmonies

Analogous

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



29.9983, 0.4018, 0.4018



29.9983, 0.3636, 0.4219



29.9983, 0.3136, 0.4137

Triad

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



29.9983, 0.3636, 0.4219



29.9983, 0.2193, 0.2792



29.9983, 0.3576, 0.2876

Complementary

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



29.9983, 0.3636, 0.4219



13.1340, 0.2497, 0.2189

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.



29.9983, 0.3050, 0.2600



29.9983, 0.3636, 0.4219



29.9983, 0.2285, 0.2532

Square

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



29.9983, 0.3636, 0.4219



29.9983, 0.2321, 0.3237



29.9983, 0.2585, 0.2474



29.9983, 0.3997, 0.3250

Rectangle

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



29.9983, 0.3636, 0.4219



29.9983, 0.2806, 0.3909



29.9983, 0.2585, 0.2474



29.9983, 0.3403, 0.2770

Sweetspot

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



29.9997, 0.3636, 0.4219



55.9000, 0.3277, 0.3559



16.4952, 0.4001, 0.3358



12.3176, 0.3294, 0.3589



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.9997, 0.3636, 0.4219



53.2184, 0.3734, 0.4405



27.6108, 0.3323, 0.4323



7.2013, 0.3250, 0.3511



23.6241, 0.4076, 0.5145



0.3588, 0.4132, 0.5101

Inverse Universe

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



13.1340, 0.2497, 0.2189



18.8224, 0.2338, 0.1917



15.0613, 0.2844, 0.2288



6.0456, 0.2998, 0.3061



1.9630, 0.1529, 0.0616



0.0341, 0.1671, 0.0694

Previews

White Background



This preview shows how the Yxy color 29.9983, 0.3636, 0.4219 looks on a white background.

Color Contrast Check

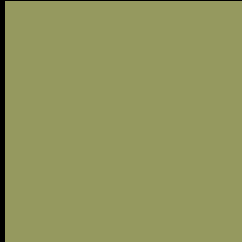
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9983, 0.3636, 0.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

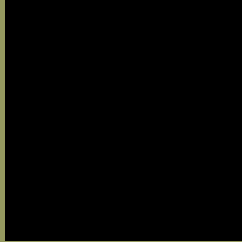
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 29.9983, 0.3636, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 29.9983, 0.3636, 0.4219.



This preview shows how white text looks on a background with the Yxy color 29.9983, 0.3636, 0.4219.

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

29.9983, 0.3636, 0.4219

Protanopia

29.9666, 0.3822, 0.4146

Deuteranopia

29.7928, 0.4020, 0.3937



Tritanopia

30.0600, 0.3125, 0.3123

Trichromacy



Original Color

29.9983, 0.3636, 0.4219

Protanomaly

29.7889, 0.3750, 0.4164

Deuteranomaly

29.7271, 0.3879, 0.4041

Tritanomaly

29.9884, 0.3315, 0.3527

Monochromacy



Original Color

29.9983, 0.3636, 0.4219

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.8231, 0.3311, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9983, 0.3636, 0.4219 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(149, 153, 95)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 95)  
}
```

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(149, 153, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 95) }
```

Border

The CSS property to change the border of an element to Yxy 29.9983, 0.3636, 0.4219 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(149, 153, 95) }
```

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

```
.border{ border-color:rgb(149, 153, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 153, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 95);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9983, 0.3636, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 95) }
```

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

```
.background{ background-color: rgb(149,  
153, 95) }
```

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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