

Converting Colors

$Yxy(33.2912, 0.3776, 0.4282)$

Have a look what the booklet for
Yxy(33.2912, 0.3776, 0.4282)
contains.

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Color

Yxy(33.3555, 0.3783, 0.4287)

Conversions

Conversions Part 1

Format	Color
Hex	A39F5C
RGB	163, 159, 92
RGB Percent	64%, 62%, 36%
CMY	0.3608, 0.3765, 0.6391
CMYK	0.00, 0.02, 0.44, 0.36
HSL	57°, 28%, 50%
HSV	57°, 44%, 64%
XYZ	29.4341, 33.3555, 15.0166
YIQ	152.5580, 23.8910, -19.9890

Conversions

Conversions Part 2

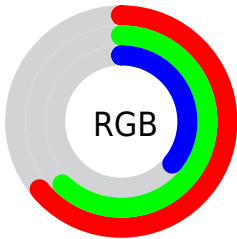
Format	Color
RYB	96, 163, 92
Decimal	10723164
CIELab	64.45, -8.48, 35.37
CIELCh	64, 36.373, 103.481
Yxy	33.3555, 0.3783, 0.4287
Android (android.graphics.Color)	4288913244 (0xFFA39F5C)
YUV	152.5580, -29.8551, 9.1576
Hunter-Lab	57.7542, -10.0985, 25.0121

Details

The Yxy color **33.3555, 0.3783, 0.4287** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2884, 0.2343, 0.2047**, and the grayscale version is **31.7786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1364, 0.3665, 0.4101**, and **14.2220, 0.3957, 0.4595** is the 20% darker color. If you saturate the color by 10%, you get **32.7879, 0.3921, 0.4489**, and if you desaturate by 10%, it is **33.9898, 0.3634, 0.4065**.

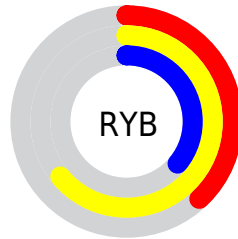
Distribution



Red (64%)

Green (62%)

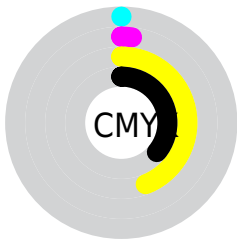
Blue (36%)



Red (38%)

Yellow (64%)

Blue (36%)

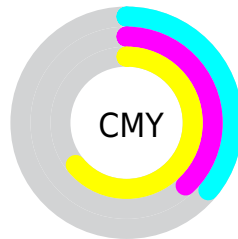


Cyan (0%)

Magenta (2%)

Yellow (44%)

Black (36%)



Cyan (36%)


Magenta (38%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3555, 0.3783, 0.4287 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 33.3555, 0.3783, 0.4287 by changing the saturation by 10% instead.


 33.3555, 0.3783,
0.4287


 33.3555, 0.3783,
0.4287


317.2486, 0.3452,
0.3761


 22.3989, 0.3862,
0.4423


 64.9302, 0.3664,
0.4091


 14.1503, 0.3958,
0.4599


 86.3170, 0.3619,
0.4019

 8.2253, 0.4073,
0.4829


 111.9494, 0.3581,
0.3958

 4.2394, 0.4240,
0.5181

 142.2118, 0.3548,
0.3907

 1.8084, 0.4375,
0.5625

177.4885, 0.3519,
0.3862

 0.4924, 0.3464,
0.6536

218.1639, 0.3494,

 0.0000, 0.0000,

0.3824

0.0000

264.6225, 0.3472,
0.3790

■ 33.3555, 0.3783,
0.4287

■ 33.3555, 0.3783,
0.4287

■ 32.7879, 0.3921,
0.4489

■ 33.9898, 0.3634,
0.4065

■ 32.2784, 0.4044,
0.4663

■ 34.6900, 0.3480,
0.3833

■ 31.8242, 0.4144,
0.4801

■ 35.4607, 0.3327,
0.3599

■ 31.4202, 0.4220,
0.4897

■ 36.3052, 0.3178,
0.3369

■ 31.0603, 0.4270,
0.4951

■ 37.2264, 0.3037,
0.3149

■ 30.8417, 0.4294,
0.4973

■ 38.2270, 0.2904,
0.2941

■ 39.3097, 0.2781,
0.2748

■ 40.4769, 0.2669,
0.2570

■ 41.7310, 0.2567,
0.2407

Harmonies

Analogous

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



33.3555, 0.4161, 0.4008



33.3555, 0.3783, 0.4287



33.3555, 0.3248, 0.4279

Triad

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



33.3555, 0.3783, 0.4287



33.3555, 0.2117, 0.2824



33.3555, 0.3502, 0.2764

Complementary

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



33.3555, 0.3783, 0.4287



13.2884, 0.2343, 0.2047

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.



33.3555, 0.2923, 0.2495



33.3555, 0.3783, 0.4287



33.3555, 0.2169, 0.2499

Square

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



33.3555, 0.3783, 0.4287



33.3555, 0.2302, 0.3345



33.3555, 0.2448, 0.2396



33.3555, 0.4009, 0.3151

Rectangle

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



33.3555, 0.3783, 0.4287



33.3555, 0.2879, 0.4071



33.3555, 0.2448, 0.2396



33.3555, 0.3307, 0.2658

Sweetspot

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



33.3570, 0.3783, 0.4287



63.5556, 0.3323, 0.3592



16.3024, 0.4160, 0.3218



14.2058, 0.3355, 0.3642



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.3570, 0.3783, 0.4287



58.7807, 0.3914, 0.4478



31.8905, 0.3440, 0.4463



8.1687, 0.3263, 0.3500



23.9938, 0.4293, 0.4973



0.5233, 0.4253, 0.5005

Inverse Universe

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



13.2884, 0.2343, 0.2047



18.2154, 0.2149, 0.1731



14.4966, 0.2671, 0.2085



6.9209, 0.2987, 0.3071



2.2325, 0.1513, 0.0646



0.0650, 0.1572, 0.0859

Previews

White Background



This preview shows how the Yxy color 33.3555, 0.3783, 0.4287 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 33.3555, 0.3783, 0.4287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

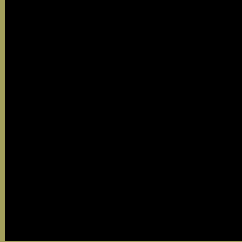
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3555, 0.3783, 0.4287

Background



This preview shows how black text looks on a background with the Yxy color 33.3555, 0.3783, 0.4287.



This preview shows how white text looks on a background with the Yxy color 33.3555, 0.3783, 0.4287.

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

33.3555, 0.3783, 0.4287

Protanopia

33.1902, 0.3897, 0.4231

Deuteranopia

33.1219, 0.4112, 0.4035



Tritanopia

33.4355, 0.3216, 0.3119

Trichromacy



Original Color

33.3555, 0.3783, 0.4287

Protanomaly

33.1941, 0.3858, 0.4255

Deuteranomaly

33.2761, 0.3996, 0.4131

Tritanomaly

33.2422, 0.3433, 0.3542

Monochromacy



Original Color

33.3555, 0.3783, 0.4287

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.2495, 0.3374, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3555, 0.3783, 0.4287 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(163, 159, 92)` looks like.

```
.text, #text, p{  
    color:rgb(163, 159, 92)  
}
```

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(163, 159, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 159, 92) }
```

Border

The CSS property to change the border of an element to Yxy 33.3555, 0.3783, 0.4287 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(163, 159, 92) }
```

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

```
.border{ border-color:rgb(163, 159, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 159, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 159, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 159, 92);  
box-shadow:4px 4px 4px 4px rgb(163, 159,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3555, 0.3783, 0.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 159, 92) }
```

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

```
.background{ background-color: rgb(163,  
159, 92) }
```

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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