

Converting Colors

Yxy(32.9947, 0.3389, 0.3704)

Have a look what the booklet for
Yxy(32.9947, 0.3389, 0.3704)
contains.

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Color

Yxy(32.9947, 0.3389, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	9E9D82
RGB	158, 157, 130
RGB Percent	62%, 62%, 51%
CMY	0.3803, 0.3843, 0.4902
CMYK	0.00, 0.01, 0.18, 0.38
HSL	58°, 13%, 56%
HSV	58°, 18%, 62%
XYZ	30.1887, 32.9947, 25.8951
YIQ	154.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

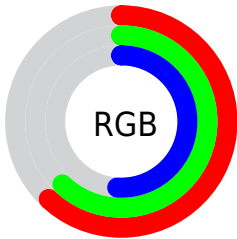
Format	Color
RYB	131, 158, 130
Decimal	10395010
CIELab	64.16, -4.36, 14.29
CIElCh	64, 14.938, 106.961
Yxy	32.9947, 0.3389, 0.3704
Android (android.graphics.Color)	4288585090 (0xFF9E9D82)
YUV	154.2210, -11.9410, 3.3142
Hunter-Lab	57.4410, -6.7092, 13.4800

Details

The Yxy color $32.9947, 0.3389, 0.3704$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $23.4508, 0.2845, 0.2839$, and the grayscale version is $32.4688, 0.3127, 0.3290$.

A 20% lighter version of the original color is $64.1536, 0.3340, 0.3614$, and $13.9663, 0.3460, 0.3840$ is the 20% darker color. If you saturate the color by 10%, you get $32.4105, 0.3541, 0.3942$, and if you desaturate by 10%, it is $33.6479, 0.3239, 0.3468$.

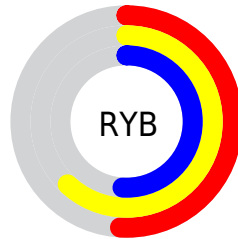
Distribution



Red (62%)

Green (62%)

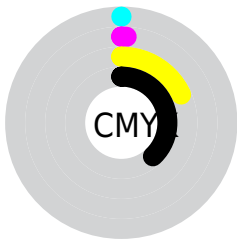
Blue (51%)



Red (51%)

Yellow (62%)

Blue (51%)

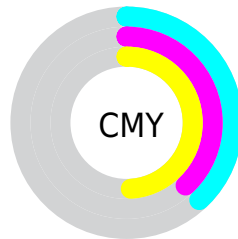


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (38%)



Cyan (38%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9947, 0.3389, 0.3704 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 32.9947, 0.3389, 0.3704 by changing the saturation by 10% instead.


 32.9947, 0.3389,
0.3704


 32.9947, 0.3389,
0.3704


315.6259, 0.3252,
0.3483

 22.1224, 0.3425,
0.3764


 64.3673, 0.3338,
0.3620

 13.9469, 0.3473,
0.3844

 85.6363, 0.3319,
0.3590

 8.0837, 0.3538,
0.3956


 111.1397, 0.3303,
0.3565

 4.1486, 0.3631,
0.4124

141.2618, 0.3290,
0.3543

 1.7570, 0.3795,
0.4423

176.3871, 0.3278,
0.3525

 0.4602, 0.4184,
0.5816

216.9000, 0.3268,

 0.0000, 0.0000,

0.3509

0.0000

263.1847, 0.3260,
0.3495

■ 32.9947, 0.3389,
0.3704

■ 32.9947, 0.3389,
0.3704

■ 32.4105, 0.3541,
0.3942

■ 33.6479, 0.3239,
0.3468

■ 31.8880, 0.3690,
0.4174

■ 34.3685, 0.3095,
0.3239

■ 31.4254, 0.3831,
0.4391

■ 35.1605, 0.2959,
0.3022

■ 31.0192, 0.3959,
0.4585

■ 36.0265, 0.2832,
0.2818

■ 30.6656, 0.4067,
0.4746

■ 36.9688, 0.2715,
0.2630

■ 30.3603, 0.4153,
0.4869

■ 37.9896, 0.2608,
0.2457

■ 30.0982, 0.4212,
0.4950

■ 39.0912, 0.2510,
0.2300

■ 29.8707, 0.4249,
0.4994

■ 40.1844, 0.2430,
0.2170

■ 29.8205, 0.4257,
0.5002

■ 40.3860, 0.2431,
0.2177

Harmonies

Analogous

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



32.9947, 0.3548, 0.3625



32.9947, 0.3389, 0.3704



32.9947, 0.3164, 0.3665

Triad

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



32.9947, 0.3389, 0.3704



32.9947, 0.2684, 0.3090



32.9947, 0.3314, 0.3081

Complementary

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



32.9947, 0.3389, 0.3704



23.4508, 0.2845, 0.2839

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.



32.9947, 0.3077, 0.2949



32.9947, 0.3389, 0.3704



32.9947, 0.2720, 0.2947

Square

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



32.9947, 0.3389, 0.3704



32.9947, 0.2761, 0.3298



32.9947, 0.2861, 0.2899



32.9947, 0.3505, 0.3265

Rectangle

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



32.9947, 0.3389, 0.3704



32.9947, 0.3008, 0.3574



32.9947, 0.2861, 0.2899



32.9947, 0.3236, 0.3029

Sweetspot

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



32.9962, 0.3389, 0.3704



61.4236, 0.3201, 0.3407



24.8847, 0.3443, 0.3269



13.8289, 0.3210, 0.3422



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.9962, 0.3389, 0.3704



59.5032, 0.3445, 0.3792



32.1274, 0.3258, 0.3737



7.6791, 0.3262, 0.3503



23.8909, 0.4256, 0.5002



0.4386, 0.4229, 0.5024

Inverse Universe

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



23.4508, 0.2845, 0.2839



39.1070, 0.2779, 0.2734



24.2382, 0.2978, 0.2840



6.4719, 0.2987, 0.3067



2.0895, 0.1509, 0.0631



0.0474, 0.1550, 0.0778

Previews

White Background



This preview shows how the Yxy color 32.9947, 0.3389, 0.3704 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 32.9947, 0.3389, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

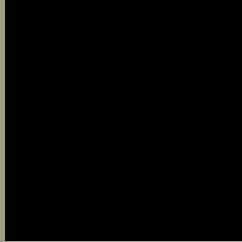
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

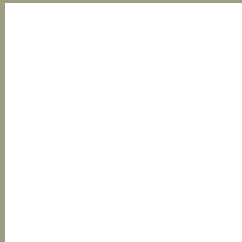
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.9947, 0.3389, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 32.9947, 0.3389, 0.3704.



This preview shows how white text looks on a background with the Yxy color 32.9947, 0.3389, 0.3704.

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

32.9947, 0.3389, 0.3704

Protanopia

32.9202, 0.3467, 0.3682

Deuteranopia

33.0623, 0.3613, 0.3549



Tritanopia

32.9233, 0.3125, 0.3115

Trichromacy



Original Color

32.9947, 0.3389, 0.3704

Protanomaly

33.0433, 0.3443, 0.3699

Deuteranomaly

33.0791, 0.3527, 0.3614

Tritanomaly

32.9553, 0.3216, 0.3320

Monochromacy



Original Color

32.9947, 0.3389, 0.3704

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.4556, 0.3220, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9947, 0.3389, 0.3704 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(158, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 130)  
}
```

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(158, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 130) }
```

Border

The CSS property to change the border of an element to Yxy 32.9947, 0.3389, 0.3704 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(158, 157, 130) }
```

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

```
.border{ border-color:rgb(158, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9947, 0.3389, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 130) }
```

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

```
.background{ background-color: rgb(158,  
157, 130) }
```

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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