

Converting Colors

$Yxy(32.2937, 0.3772, 0.4238)$

Have a look what the booklet for
Yxy(32.2937, 0.3772, 0.4238)
contains.

Yxy(32.2486, 0.3781, 0.4239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.2486, 0.3781, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	A29C5D
RGB	162, 156, 93
RGB Percent	64%, 61%, 36%
CMY	0.3647, 0.3882, 0.6353
CMYK	0.00, 0.04, 0.43, 0.36
HSL	55°, 27%, 50%
HSV	55°, 43%, 64%
XYZ	28.7643, 32.2486, 15.0630
YIQ	150.6120, 23.7990, -18.3210

Conversions

Conversions Part 2

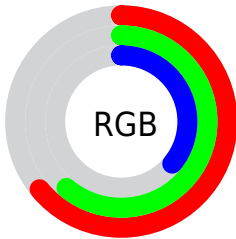
Format	Color
RYB	100, 162, 93
Decimal	10656861
CIELab	63.55, -7.19, 33.71
CIElCh	64, 34.471, 102.032
Yxy	32.2486, 0.3781, 0.4239
Android (android.graphics.Color)	4288846941 (0xFFA29C5D)
YUV	150.6120, -28.4027, 9.9873
Hunter-Lab	56.7879, -8.9645, 24.0248

Details

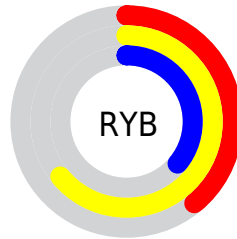
The Yxy color **32.2486, 0.3781, 0.4239** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.8575, 0.2370, 0.2119**, and the grayscale version is **30.8894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0122, 0.3664, 0.4051**, and **13.5438, 0.3964, 0.4537** is the 20% darker color. If you saturate the color by 10%, you get **31.5231, 0.3927, 0.4439**, and if you desaturate by 10%, it is **33.0434, 0.3626, 0.4021**.

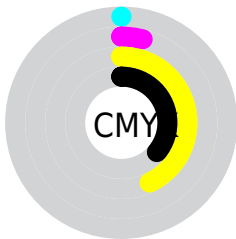
Distribution



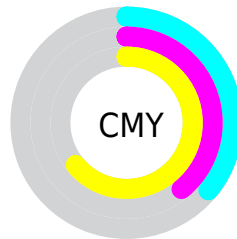
- Red (64%)
- Green (61%)
- Blue (36%)



- Red (39%)
- Yellow (64%)
- Blue (36%)



- Cyan (0%)
- Magenta (4%)
- Yellow (43%)
- Black (36%)





- Cyan (36%)
- Magenta (39%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2486, 0.3781, 0.4239 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 32.2486, 0.3781, 0.4239 by changing the saturation by 10% instead.


 32.2486, 0.3781,
0.4239


 32.2486, 0.3781,
0.4239


312.2502, 0.3447,
0.3736


 21.5515, 0.3862,
0.4370


 63.2006, 0.3660,
0.4051


 13.5277, 0.3963,
0.4540


 84.2243, 0.3614,
0.3982

 7.7929, 0.4086,
0.4764

 109.4589, 0.3576,
0.3924

 3.9627, 0.4269,
0.5110

 139.2888, 0.3543,
0.3875

 1.6527, 0.4440,
0.5560

174.0986, 0.3514,
0.3833

 0.3928, 0.3350,
0.6650

214.2724, 0.3489,

 0.0000, 0.0000,

0.3796

0.0000

260.1948, 0.3467,
0.3764

■ 32.2486, 0.3781,
0.4239

■ 32.2486, 0.3781,
0.4239

■ 31.5231, 0.3927,
0.4439

■ 33.0434, 0.3626,
0.4021

■ 30.8585, 0.4059,
0.4613

■ 33.9065, 0.3469,
0.3795

■ 30.2520, 0.4171,
0.4751

■ 34.8427, 0.3314,
0.3568


■ 29.6985, 0.4258,
0.4849

■ 35.8551, 0.3165,
0.3346


■ 29.1923, 0.4319,
0.4904


■ 36.9466, 0.3024,
0.3134

 28.8376, 0.4352,
0.4926

 38.1198, 0.2892,
0.2935

 39.3775, 0.2772,
0.2749

 40.7219, 0.2662,
0.2579

 42.1555, 0.2562,
0.2422

Harmonies

Analogous

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



32.2486, 0.4131, 0.3966



32.2486, 0.3781, 0.4239



32.2486, 0.3272, 0.4243

Triad

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



32.2486, 0.3781, 0.4239



32.2486, 0.2158, 0.2866



32.2486, 0.3461, 0.2768

Complementary

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



32.2486, 0.3781, 0.4239



13.8575, 0.2370, 0.2119

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.



32.2486, 0.2907, 0.2516



32.2486, 0.3781, 0.4239



32.2486, 0.2197, 0.2541

Square

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



32.2486, 0.3781, 0.4239



32.2486, 0.2349, 0.3372



32.2486, 0.2457, 0.2429



32.2486, 0.3953, 0.3139

Rectangle

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



32.2486, 0.3781, 0.4239



32.2486, 0.2915, 0.4054



32.2486, 0.2457, 0.2429



32.2486, 0.3273, 0.2668

Sweetspot

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



32.2501, 0.3781, 0.4239



63.1398, 0.3324, 0.3583



16.4274, 0.4089, 0.3182



14.0977, 0.3357, 0.3631



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.



32.2501, 0.3781, 0.4239



57.3072, 0.3919, 0.4428



31.7320, 0.3458, 0.4426



8.1315, 0.3264, 0.3493



22.7504, 0.4351, 0.4927



0.5067, 0.4288, 0.4978

Inverse Universe

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



13.8575, 0.2370, 0.2119



19.4911, 0.2179, 0.1813



14.4725, 0.2657, 0.2105



6.9543, 0.2987, 0.3078



2.3336, 0.1520, 0.0672



0.0769, 0.1609, 0.0991

Previews

White Background



This preview shows how the Yxy color 32.2486, 0.3781, 0.4239 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 32.2486, 0.3781, 0.4239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

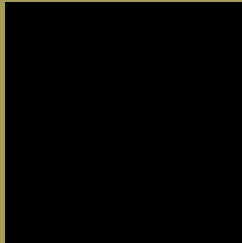
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2486, 0.3781, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 32.2486, 0.3781, 0.4239.



This preview shows how white text looks on a background with the Yxy color 32.2486, 0.3781, 0.4239.

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

32.2486, 0.3781, 0.4239

Protanopia

32.2087, 0.3868, 0.4203

Deuteranopia

32.1328, 0.4084, 0.4007



Tritanopia

32.1529, 0.3228, 0.3117

Trichromacy



Original Color

32.2486, 0.3781, 0.4239

Protanomaly

32.3224, 0.3840, 0.4224

Deuteranomaly

31.9680, 0.3974, 0.4091

Tritanomaly

32.0178, 0.3430, 0.3515

Monochromacy



Original Color

32.2486, 0.3781, 0.4239

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.3627, 0.3367, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2486, 0.3781, 0.4239 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(162, 156, 93)` looks like.

```
.text, #text, p{  
    color:rgb(162, 156, 93)  
}
```

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(162, 156, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 156, 93) }
```

Border

The CSS property to change the border of an element to Yxy 32.2486, 0.3781, 0.4239 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(162, 156, 93) }
```

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

```
.border{ border-color:rgb(162, 156, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 156, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 156, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 156, 93);  
box-shadow:4px 4px 4px 4px rgb(162, 156,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2486, 0.3781, 0.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 156, 93) }
```

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

```
.background{ background-color: rgb(162,  
156, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor