

Converting Colors

$Yxy(32.5643, 0.3948, 0.4301)$

Have a look what the booklet for
Yxy(32.5643, 0.3948, 0.4301)
contains.

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Color

Yxy(32.6446, 0.3944, 0.4301)

Conversions

Conversions Part 1

Format	Color
Hex	AA9B55
RGB	170, 155, 85
RGB Percent	67%, 61%, 33%
CMY	0.3334, 0.3921, 0.6666
CMYK	0.00, 0.09, 0.50, 0.33
HSL	49°, 33%, 50%
HSV	49°, 50%, 67%
XYZ	29.9350, 32.6446, 13.3205
YIQ	151.5050, 31.4100, -18.5900

Conversions

Conversions Part 2

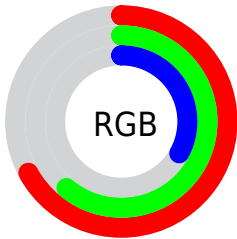
Format	Color
RYB	103, 170, 85
Decimal	11180885
CIELab	63.87, -4.09, 38.43
CIELCh	64, 38.643, 96.076
Yxy	32.6446, 0.3944, 0.4301
Android (android.graphics.Color)	4289370965 (0xFFAA9B55)
YUV	151.5050, -32.7870, 16.2201
Hunter-Lab	57.1355, -6.4656, 26.1721

Details

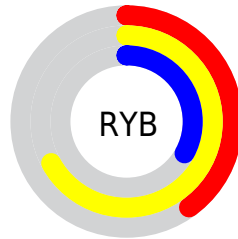
The Yxy color **32.6446, 0.3944, 0.4301** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9434, 0.2242, 0.2009**, and the grayscale version is **31.3088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7094, 0.3799, 0.4107**, and **13.7410, 0.4174, 0.4599** is the 20% darker color. If you saturate the color by 10%, you get **31.4234, 0.4104, 0.4471**, and if you desaturate by 10%, it is **33.9585, 0.3775, 0.4109**.

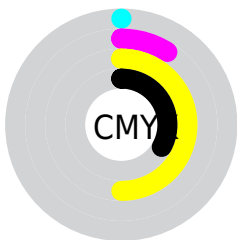
Distribution



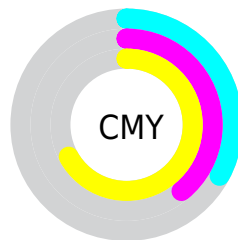
- Red (67%)
- Green (61%)
- Blue (33%)



- Red (40%)
- Yellow (67%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (33%)





- Cyan (33%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6446, 0.3944, 0.4301 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 32.6446, 0.3944, 0.4301 by changing the saturation by 10% instead.


 32.6446, 0.3944,
0.4301

 32.6446, 0.3944,
0.4301


314.0452, 0.3529,
0.3775


 21.8543, 0.4043,
0.4432


 63.8203, 0.3795,
0.4108


 13.7499, 0.4165,
0.4597


 84.9744, 0.3738,
0.4036


 7.9469, 0.4311,
0.4804


 110.3520, 0.3689,
0.3975

 4.0610, 0.4578,
0.5178

 140.3375, 0.3648,
0.3923

 1.7077, 0.4632,
0.5368

 175.3151, 0.3612,
0.3879

 0.4287, 0.4178,
0.5822

215.6693, 0.3581,

 0.0000, 0.0000,

0.3840

0.0000

261.7846, 0.3553,
0.3806

■ 32.6446, 0.3944,
0.4301

■ 32.6446, 0.3944,
0.4301

■ 31.4234, 0.4104,
0.4471

■ 33.9585, 0.3775,
0.4109

■ 30.2854, 0.4249,
0.4609

■ 35.3648, 0.3604,
0.3905

■ 29.2265, 0.4371,
0.4707


■ 36.8693, 0.3437,
0.3696

■ 28.2403, 0.4467,
0.4760


■ 38.4756, 0.3277,
0.3489

■ 27.3126, 0.4540,
0.4777


■ 40.1873, 0.3127,
0.3290

 27.3111, 0.4540,
0.4777

 42.0078, 0.2988,
0.3101

 43.9402, 0.2861,
0.2924

 45.9875, 0.2745,
0.2760

 48.1525, 0.2641,
0.2610

Harmonies

Analogous

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



32.6446, 0.4287, 0.3947



32.6446, 0.3944, 0.4301



32.6446, 0.3399, 0.4391

Triad

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



32.6446, 0.3944, 0.4301



32.6446, 0.2079, 0.2909



32.6446, 0.3372, 0.2647

Complementary

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



32.6446, 0.3944, 0.4301



13.9434, 0.2242, 0.2009

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.



32.6446, 0.2767, 0.2403



32.6446, 0.3944, 0.4301



32.6446, 0.2073, 0.2508

Square

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



32.6446, 0.3944, 0.4301



32.6446, 0.2334, 0.3502



32.6446, 0.2310, 0.2346



32.6446, 0.3956, 0.3030

Rectangle

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



32.6446, 0.3944, 0.4301



32.6446, 0.3001, 0.4234



32.6446, 0.2310, 0.2346



32.6446, 0.3162, 0.2547

Sweetspot

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



32.6461, 0.3944, 0.4301



68.2678, 0.3361, 0.3598



15.9742, 0.4240, 0.3057



15.0920, 0.3394, 0.3640



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.



32.6461, 0.3944, 0.4301



56.7977, 0.4121, 0.4488



35.2420, 0.3573, 0.4604



8.5457, 0.3266, 0.3475



20.1696, 0.4536, 0.4781



0.5479, 0.4405, 0.4884

Inverse Universe

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



13.9434, 0.2242, 0.2009



19.0055, 0.2032, 0.1674



12.8402, 0.2467, 0.1845



7.5063, 0.2986, 0.3098



2.8758, 0.1550, 0.0781



0.1299, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 32.6446, 0.3944, 0.4301 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 32.6446, 0.3944, 0.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

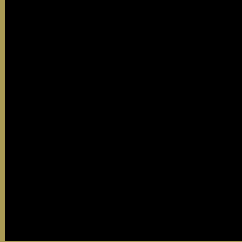
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6446, 0.3944, 0.4301

Background



This preview shows how black text looks on a background with the Yxy color 32.6446, 0.3944, 0.4301.



This preview shows how white text looks on a background with the Yxy color 32.6446, 0.3944, 0.4301.

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

32.6446, 0.3944, 0.4301

Protanopia

32.6446, 0.3944, 0.4301

Deuteranopia

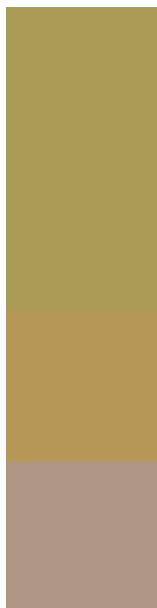
32.6867, 0.4185, 0.4109



Tritanopia

32.6832, 0.3332, 0.3135

Trichromacy



Original Color

32.6446, 0.3944, 0.4301

Protanomaly

32.6446, 0.3944, 0.4301

Deuteranomaly

32.7502, 0.4096, 0.4187

Tritanomaly

32.4501, 0.3569, 0.3569

Monochromacy



Original Color

32.6446, 0.3944, 0.4301

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7119, 0.3429, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6446, 0.3944, 0.4301 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(170, 155, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 85)  
}
```

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(170, 155, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 85) }
```

Border

The CSS property to change the border of an element to Yxy 32.6446, 0.3944, 0.4301 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(170, 155, 85) }
```

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

```
.border{ border-color:rgb(170, 155, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 155, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 85);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6446, 0.3944, 0.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 85) }
```

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

```
.background{ background-color: rgb(170,  
155, 85) }
```

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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