

Converting Colors

$Yxy(32.8017, 0.3525, 0.3663)$

Have a look what the booklet for
Yxy(32.8017, 0.3525, 0.3663)
contains.

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Color

Yxy(32.6658, 0.3525, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	A89980
RGB	168, 153, 128
RGB Percent	66%, 60%, 50%
CMY	0.3412, 0.4000, 0.4980
CMYK	0.00, 0.09, 0.24, 0.34
HSL	38°, 19%, 58%
HSV	38°, 24%, 66%
XYZ	31.4351, 32.6658, 25.0768
YIQ	154.6350, 16.9650, -4.5950

Conversions

Conversions Part 2

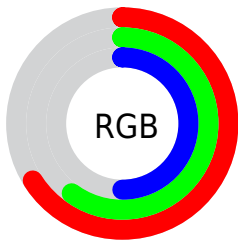
Format	Color
RYB	152, 168, 128
Decimal	11049344
CIELab	63.89, 1.43, 15.15
CIElCh	64, 15.214, 84.622
Yxy	32.6658, 0.3525, 0.3663
Android (android.graphics.Color)	4289239424 (0xFFA89980)
YUV	154.6350, -13.1311, 11.7211
Hunter-Lab	57.1540, -1.8431, 13.9938

Details

The Yxy color **32.6658, 0.3525, 0.3663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.0631, 0.2751, 0.2886**, and the grayscale version is **32.6629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8091, 0.3449, 0.3585**, and **13.7121, 0.3646, 0.3778** is the 20% darker color. If you saturate the color by 10%, you get **30.2534, 0.3721, 0.3827**, and if you desaturate by 10%, it is **35.2632, 0.3346, 0.3502**.

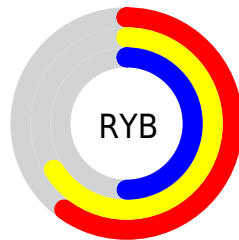
Distribution



Red (66%)

Green (60%)

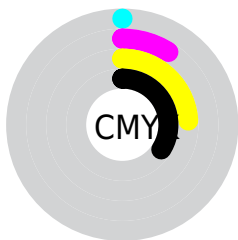
Blue (50%)



Red (60%)

Yellow (66%)

Blue (50%)

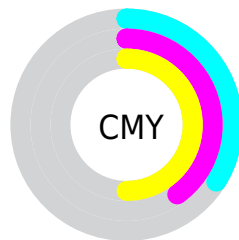


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (34%)



Cyan (34%)


Magenta (40%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6658, 0.3525, 0.3663 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 32.6658, 0.3525, 0.3663 by changing the saturation by 10% instead.


 32.6658, 0.3525,
0.3663


 32.6658, 0.3525,
0.3663

314.1411, 0.3314,
0.3467


 21.8706, 0.3581,
0.3715


 63.8534, 0.3446,
0.3589

 13.7618, 0.3656,
0.3784


 85.0146, 0.3417,
0.3562

 7.9552, 0.3760,
0.3878


 110.3998, 0.3392,
0.3540

 4.0663, 0.3912,
0.4015

140.3935, 0.3372,
0.3521

 1.7107, 0.4195,
0.4270

175.3801, 0.3355,
0.3504

 0.4306, 0.5077,
0.4923

215.7440, 0.3339,

 0.0000, 0.0000,

0.3490

0.0000

261.8695, 0.3326,
0.3478

■ 32.6658, 0.3525,
0.3663

■ 32.6658, 0.3525,
0.3663

■ 30.2534, 0.3721,
0.3827

■ 35.2632, 0.3346,
0.3502

■ 28.0163, 0.3930,
0.3986

■ 38.0462, 0.3184,
0.3347

■ 25.9504, 0.4150,
0.4134

■ 41.0209, 0.3039,
0.3200

■ 24.0496, 0.4371,
0.4260

■ 44.1919, 0.2910,
0.3064

■ 22.3074, 0.4585,
0.4352

■ 47.5635, 0.2796,
0.2937

■ 20.7165, 0.4779,
0.4400

■ 51.1400, 0.2695,
0.2821

■ 19.2682, 0.4945,
0.4398

■ 54.9253, 0.2605,
0.2715

■ 18.4305, 0.5039,
0.4381

■ 58.4367, 0.2564,
0.2693

■ 61.4791, 0.2574,
0.2768

Harmonies

Analogous

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



32.6658, 0.3603, 0.3514



32.6658, 0.3525, 0.3663



32.6658, 0.3340, 0.3715

Triad

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



32.6658, 0.3525, 0.3663



32.6658, 0.2723, 0.3240



32.6658, 0.3138, 0.2969

Complementary

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



32.6658, 0.3525, 0.3663



27.0631, 0.2751, 0.2886

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.



32.6658, 0.2906, 0.2895



32.6658, 0.3525, 0.3663



32.6658, 0.2673, 0.3040

Square

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



32.6658, 0.3525, 0.3663



32.6658, 0.2878, 0.3465



32.6658, 0.2739, 0.2917



32.6658, 0.3375, 0.3121

Rectangle

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



32.6658, 0.3525, 0.3663



32.6658, 0.3183, 0.3681



32.6658, 0.2739, 0.2917



32.6658, 0.3057, 0.2934

Sweetspot

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



32.6673, 0.3525, 0.3663



67.3273, 0.3236, 0.3398



25.7607, 0.3427, 0.3060



14.6126, 0.3245, 0.3406



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.6673, 0.3525, 0.3663



56.7339, 0.3635, 0.3757



37.3812, 0.3432, 0.3880



8.2941, 0.3271, 0.3431



14.0208, 0.5028, 0.4389



0.4345, 0.4690, 0.4658

Inverse Universe

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



27.0631, 0.2751, 0.2886



44.6266, 0.2654, 0.2773



23.2310, 0.2778, 0.2643



7.7441, 0.2986, 0.3145



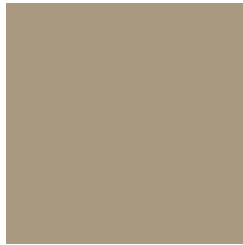
4.9094, 0.1673, 0.1221



0.2179, 0.1863, 0.1908

Previews

White Background



This preview shows how the Yxy color 32.6658, 0.3525, 0.3663 looks on a white background.

Color Contrast Check

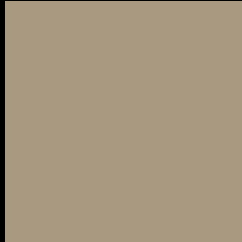
Large Text (above 18pt) WCAG AA × Fail

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 32.6658, 0.3525, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

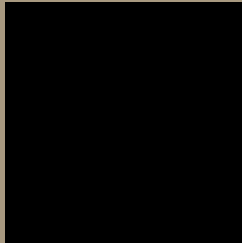
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

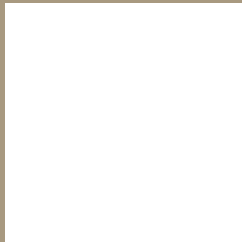
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6658, 0.3525, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 32.6658, 0.3525, 0.3663.



This preview shows how white text looks on a background with the Yxy color 32.6658, 0.3525, 0.3663.

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

32.6658, 0.3525, 0.3663

Protanopia

32.4827, 0.3459, 0.3669

Deuteranopia

32.6636, 0.3648, 0.3578



Tritanopia

32.8036, 0.3257, 0.3133

Trichromacy



Original Color

32.6658, 0.3525, 0.3663

Protanomaly

32.6955, 0.3480, 0.3666

Deuteranomaly

32.5116, 0.3601, 0.3597

Tritanomaly

32.6087, 0.3364, 0.3320

Monochromacy



Original Color

32.6658, 0.3525, 0.3663

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6291, 0.3272, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6658, 0.3525, 0.3663 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(168, 153, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 153, 128)  
}
```

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(168, 153, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 153, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.6658, 0.3525, 0.3663 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(168, 153, 128) }
```

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

```
.border{ border-color:rgb(168, 153, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 153, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 153, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 153, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 153,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6658, 0.3525, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 153, 128) }
```

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

```
.background{ background-color: rgb(168,  
153, 128) }
```

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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