

Converting Colors

Yxy(32.3699, 0.3600, 0.3613)

Have a look what the booklet for
Yxy(32.3699, 0.3600, 0.3613)
contains.

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Color

Yxy(32.3699, 0.3600, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	AE9680
RGB	174, 150, 128
RGB Percent	68%, 59%, 50%
CMY	0.3178, 0.4117, 0.4980
CMYK	0.00, 0.14, 0.26, 0.32
HSL	29°, 22%, 59%
HSV	29°, 26%, 68%
XYZ	32.2534, 32.3699, 24.9695
YIQ	154.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

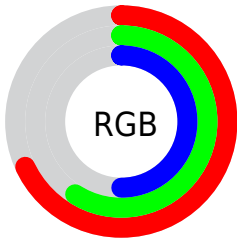
Format	Color
RYB	174, 170, 128
Decimal	11441792
CIELab	63.65, 5.44, 14.90
CIELCh	64, 15.868, 69.937
Yxy	32.3699, 0.3600, 0.3613
Android (android.graphics.Color)	4289631872 (0xFFAE9680)
YUV	154.6680, -13.1473, 16.9542
Hunter-Lab	56.8946, 1.6259, 13.8054

Details

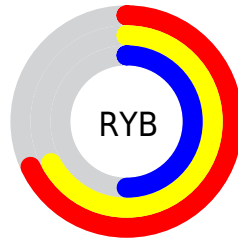
The Yxy color **32.3699, 0.3600, 0.3613** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0865, 0.2716, 0.2943**, and the grayscale version is **32.6756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3449, 0.3504, 0.3548**, and **13.5531, 0.3759, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **29.1691, 0.3824, 0.3741**, and if you desaturate by 10%, it is **35.8761, 0.3401, 0.3486**.

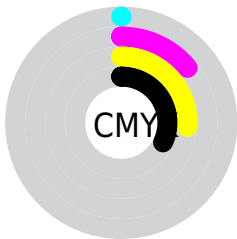
Distribution



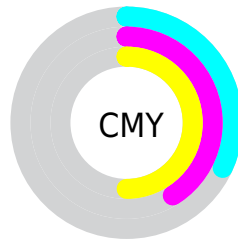
- Red (68%)
- Green (59%)
- Blue (50%)



- Red (68%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3699, 0.3600, 0.3613 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 32.3699, 0.3600, 0.3613 by changing the saturation by 10% instead.

 32.3699, 0.3600,
0.3613


 32.3699, 0.3600,
0.3613


312.8008, 0.3348,
0.3445

 21.6442, 0.3668,
0.3657


 63.3905, 0.3505,
0.3551

 13.5957, 0.3759,
0.3714


 84.4542, 0.3470,
0.3528

 7.8400, 0.3885,
0.3790


 109.7327, 0.3441,
0.3508

 3.9927, 0.4071,
0.3899

139.6104, 0.3417,
0.3492

 1.6695, 0.4418,
0.4101

174.4717, 0.3396,
0.3478

 0.4038, 0.5613,
0.4387

214.7009, 0.3378,

 0.0000, 0.0000,

0.3466

0.0000

260.6825, 0.3362,
0.3455

■ 32.3699, 0.3600,
0.3613

■ 32.3699, 0.3600,
0.3613

■ 29.1691, 0.3824,
0.3741

■ 35.8761, 0.3401,
0.3486

■ 26.2602, 0.4072,
0.3865

■ 39.6919, 0.3227,
0.3365

■ 23.6351, 0.4341,
0.3976

■ 43.8270, 0.3075,
0.3250

■ 21.2836, 0.4622,
0.4063

■ 48.2891, 0.2943,
0.3143

■ 19.1947, 0.4901,
0.4114

■ 53.0860, 0.2828,
0.3045

■ 17.3562, 0.5161,
0.4117

■ 58.2248, 0.2729,
0.2955

■ 15.7533, 0.5385,
0.4068

■ 63.7126, 0.2642,
0.2873

■ 15.2298, 0.5462,
0.4045

■ 68.7469, 0.2627,
0.2924

■ 73.7088, 0.2639,
0.3028

Harmonies

Analogous

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



32.3699, 0.3614, 0.3426



32.3699, 0.3600, 0.3613



32.3699, 0.3455, 0.3723

Triad

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



32.3699, 0.3600, 0.3613



32.3699, 0.2772, 0.3354



32.3699, 0.3014, 0.2905

Complementary

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



32.3699, 0.3600, 0.3613



30.0865, 0.2716, 0.2943

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.



32.3699, 0.2799, 0.2875



32.3699, 0.3600, 0.3613



32.3699, 0.2663, 0.3123

Square

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



32.3699, 0.3600, 0.3613



32.3699, 0.2975, 0.3576



32.3699, 0.2673, 0.2951



32.3699, 0.3269, 0.3027

Rectangle

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



32.3699, 0.3600, 0.3613



32.3699, 0.3307, 0.3732



32.3699, 0.2673, 0.2951



32.3699, 0.2935, 0.2884

Sweetspot

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



32.3714, 0.3600, 0.3613



70.7940, 0.3255, 0.3385



26.7177, 0.3391, 0.2934



15.5010, 0.3280, 0.3403



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



32.3714, 0.3600, 0.3613



55.1068, 0.3735, 0.3692



40.2266, 0.3523, 0.3917



8.6244, 0.3275, 0.3399



11.1677, 0.5445, 0.4059



0.4207, 0.4972, 0.4434

Inverse Universe

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



30.0865, 0.2716, 0.2943



50.2201, 0.2617, 0.2849



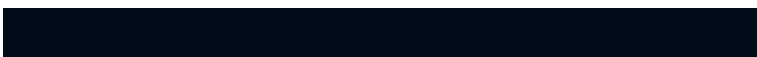
23.4851, 0.2681, 0.2575



8.4218, 0.2986, 0.3179



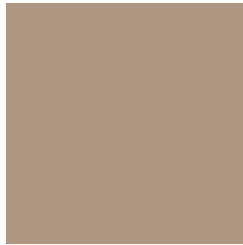
7.7227, 0.1799, 0.1675



0.3236, 0.1947, 0.2210

Previews

White Background



This preview shows how the Yxy color 32.3699, 0.3600, 0.3613 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 32.3699, 0.3600, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

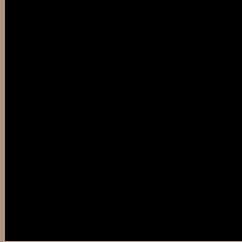
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3699, 0.3600, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 32.3699, 0.3600, 0.3613.



This preview shows how white text looks on a background with the Yxy color 32.3699, 0.3600, 0.3613.

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

32.3699, 0.3600, 0.3613

Protanopia

32.5094, 0.3449, 0.3654

Deuteranopia

32.2033, 0.3651, 0.3580



Tritanopia

32.3392, 0.3344, 0.3135

Trichromacy



Original Color

32.3699, 0.3600, 0.3613

Protanomaly

32.5829, 0.3505, 0.3649

Deuteranomaly

32.4005, 0.3637, 0.3595

Tritanomaly

32.1729, 0.3444, 0.3305

Monochromacy



Original Color

32.3699, 0.3600, 0.3613

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.5082, 0.3294, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3699, 0.3600, 0.3613 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(174, 150, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 150, 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(174, 150, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 150, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.3699, 0.3600, 0.3613 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(174, 150, 128) }
```

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

```
.border{ border-color:rgb(174, 150, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 150, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 150, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 150, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 150,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3699, 0.3600, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 150, 128) }
```

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

```
.background{ background-color: rgb(174,  
150, 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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