

Converting Colors

$Y_{xy}(28.2305, 0.3602, 0.3556)$

Have a look what the booklet for
Yxy(28.2305, 0.3602, 0.3556)
contains.

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Color

Yxy(28.2932, 0.3600, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	A68C7B
RGB	166, 140, 123
RGB Percent	65%, 55%, 48%
CMY	0.3491, 0.4509, 0.5177
CMYK	0.00, 0.16, 0.26, 0.35
HSL	24°, 19%, 57%
HSV	24°, 26%, 65%
XYZ	28.6755, 28.2932, 22.6855
YIQ	145.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

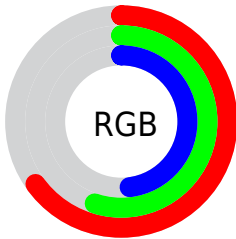
Format	Color
R_{YB}	166, 151, 123
Decimal	10914939
CIE _{Lab}	60.15, 7.10, 12.73
CIE _{LCh}	60, 14.579, 60.845
Yxy	28.2932, 0.3600, 0.3552
Android (android.graphics.Color)	4289105019 (0xFFA68C7B)
YUV	145.8360, -11.2581, 17.6838
Hunter-Lab	53.1914, 3.1448, 11.9474

Details

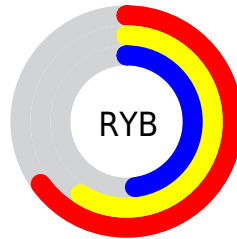
The Yxy color **28.2932, 0.3600, 0.3552** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4449, 0.2731, 0.3012**, and the grayscale version is **28.7141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2083, 0.3507, 0.3511**, and **11.3175, 0.3767, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **25.1152, 0.3835, 0.3659**, and if you desaturate by 10%, it is **31.8113, 0.3396, 0.3447**.

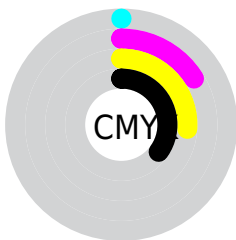
Distribution



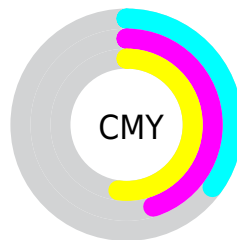
- Red (65%)
- Green (55%)
- Blue (48%)



- Red (65%)
- Yellow (59%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (35%)





- Cyan (35%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2932, 0.3600, 0.3552 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 28.2932, 0.3600, 0.3552 by changing the saturation by 10% instead.


 28.2932, 0.3600,
0.3552


 28.2932, 0.3600,
0.3552


293.8653, 0.3342,
0.3414

 18.5468, 0.3672,
0.3589


 56.9522, 0.3501,
0.3500

 11.3433, 0.3770,
0.3636


 76.6336, 0.3465,
0.3481

 6.2982, 0.3909,
0.3702


 100.3955, 0.3436,
0.3466

 3.0273, 0.4123,
0.3795

128.6221, 0.3411,
0.3452

 1.1460, 0.4693,
0.4110

161.6981, 0.3390,
0.3441

 0.0169, 0.9181,
0.0819

200.0077, 0.3372,

 0.0000, 0.0000,


0.3431


0.0000


243.9353, 0.3356,
0.3422

 28.2932, 0.3600,
0.3552

 28.2932, 0.3600,
0.3552


 25.1152, 0.3835,
0.3659


 31.8113, 0.3396,
0.3447

 22.2628, 0.4101,
0.3762


 35.6757, 0.3219,
0.3346


 19.7260, 0.4396,
0.3854

 39.8974, 0.3068,
0.3252

 17.4928, 0.4710,
0.3924

 44.4857, 0.2938,
0.3165

 15.5503, 0.5030,
0.3960

 49.4495, 0.2826,
0.3085

■ 13.8844, 0.5331,
0.3950

■ 54.7974, 0.2730,
0.3012

■ 12.4786, 0.5593,
0.3890

■ 60.5377, 0.2647,
0.2945

■ 11.9683, 0.5694,
0.3861

■ 66.6284, 0.2579,
0.2892

■ 72.0573, 0.2595,
0.3009

Harmonies

Analogous

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



28.2932, 0.3572, 0.3359



28.2932, 0.3600, 0.3552



28.2932, 0.3496, 0.3685

Triad

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



28.2932, 0.3600, 0.3552



28.2932, 0.2837, 0.3420



28.2932, 0.2949, 0.2900

Complementary

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



28.2932, 0.3600, 0.3552



28.4449, 0.2731, 0.3012

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.



28.2932, 0.2764, 0.2902



28.2932, 0.3600, 0.3552



28.2932, 0.2701, 0.3193

Square

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



28.2932, 0.3600, 0.3552



28.2932, 0.3052, 0.3616



28.2932, 0.2675, 0.3005



28.2932, 0.3189, 0.2993

Rectangle

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



28.2932, 0.3600, 0.3552



28.2932, 0.3369, 0.3718



28.2932, 0.2675, 0.3005



28.2932, 0.2879, 0.2890

Sweetspot

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



28.2945, 0.3600, 0.3552



63.1314, 0.3257, 0.3368



24.4547, 0.3342, 0.2891



13.8932, 0.3282, 0.3383



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.



28.2945, 0.3600, 0.3552



48.0152, 0.3730, 0.3613



35.0122, 0.3526, 0.3854



8.0115, 0.3276, 0.3380



9.3693, 0.5678, 0.3873



0.3283, 0.5086, 0.4344

Inverse Universe

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



28.4449, 0.2731, 0.3012



48.3292, 0.2644, 0.2942



22.4030, 0.2699, 0.2656



8.0260, 0.2987, 0.3198



9.3367, 0.1879, 0.1962



0.3228, 0.2014, 0.2451

Previews

White Background



This preview shows how the Yxy color 28.2932, 0.3600, 0.3552 looks on a white background.

Color Contrast Check

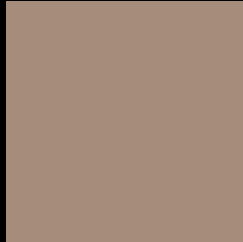
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2932, 0.3600, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

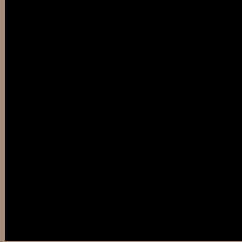
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2932, 0.3600, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 28.2932, 0.3600, 0.3552.



This preview shows how white text looks on a background with the Yxy color 28.2932, 0.3600, 0.3552.

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

28.2932, 0.3600, 0.3552

Protanopia

28.4069, 0.3404, 0.3612

Deuteranopia

28.4017, 0.3612, 0.3551



Tritanopia

28.4329, 0.3379, 0.3142

Trichromacy



Original Color

28.2932, 0.3600, 0.3552

Protanomaly

28.2683, 0.3476, 0.3591

Deuteranomaly

28.4017, 0.3612, 0.3551

Tritanomaly

28.3368, 0.3464, 0.3291

Monochromacy



Original Color

28.2932, 0.3600, 0.3552

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5538, 0.3284, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2932, 0.3600, 0.3552 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(166, 140, 123)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 123)  
}
```

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(166, 140, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 123) }
```

Border

The CSS property to change the border of an element to Yxy 28.2932, 0.3600, 0.3552 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(166, 140, 123) }
```

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

```
.border{ border-color:rgb(166, 140, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 123);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2932, 0.3600, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 123) }
```

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

```
.background{ background-color: rgb(166,  
140, 123) }
```

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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