

Converting Colors

$Y_{xy}(28.3436, 0.3521, 0.3593)$

Have a look what the booklet for
Yxy(28.3436, 0.3521, 0.3593)
contains.

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Color

Yxy(28.2496, 0.3524, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	A08E7B
RGB	160, 142, 123
RGB Percent	63%, 56%, 48%
CMY	0.3726, 0.4431, 0.5175
CMYK	0.00, 0.11, 0.23, 0.37
HSL	31°, 16%, 55%
HSV	31°, 23%, 63%
XYZ	27.7457, 28.2496, 22.7383
YIQ	145.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

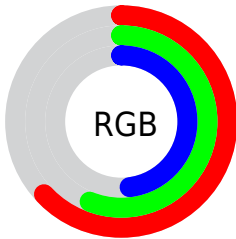
Format	Color
R_{YB}	158, 160, 123
Decimal	10522235
CIE Lab	60.11, 3.61, 12.57
CIE LCh	60, 13.080, 73.994
Yxy	28.2496, 0.3524, 0.3588
Android (android.graphics.Color)	4288712315 (0xFFA08E7B)
YUV	145.2160, -10.9525, 12.9656
Hunter-Lab	53.1504, 0.1680, 11.8404

Details

The Yxy color $28.2496, 0.3524, 0.3588$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.8060, 0.2770, 0.2972$, and the grayscale version is $28.4490, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.0221, 0.3444, 0.3538$, and $11.3368, 0.3669, 0.3698$ is the 20% darker color. If you saturate the color by 10%, you get $25.6455, 0.3733, 0.3724$, and if you desaturate by 10%, it is $31.0836, 0.3338, 0.3455$.

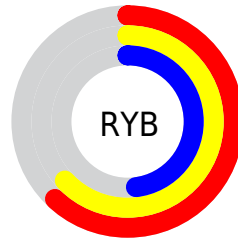
Distribution



Red (63%)

Green (56%)

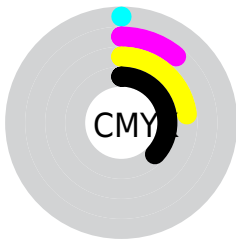
Blue (48%)



Red (62%)

Yellow (63%)

Blue (48%)

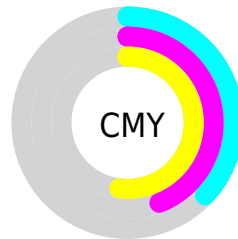


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (37%)



Cyan (37%)


Magenta (44%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2496, 0.3524, 0.3588 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 28.2496, 0.3524, 0.3588 by changing the saturation by 10% instead.


 28.2496, 0.3524,
0.3588


 28.2496, 0.3524,
0.3588


293.6577, 0.3308,
0.3429

 18.5139, 0.3584,
0.3631


 56.8827, 0.3441,
0.3528

 11.3196, 0.3666,
0.3689


 76.5489, 0.3411,
0.3506

 6.2822, 0.3781,
0.3770


 100.2940, 0.3387,
0.3487

 3.0174, 0.3959,
0.3889

128.5025, 0.3366,
0.3472

 1.1408, 0.4459,
0.4268

161.5587, 0.3349,
0.3459

 0.0126, 0.8883,
0.1117

199.8470, 0.3333,

 0.0000, 0.0000,

0.3447

0.0000

243.7519, 0.3320,
0.3437

■ 28.2496, 0.3524,
0.3588

■ 28.2496, 0.3524,
0.3588

■ 25.6455, 0.3733,
0.3724

■ 31.0836, 0.3338,
0.3455

■ 23.2610, 0.3964,
0.3858

■ 34.1499, 0.3174,
0.3328

■ 21.0906, 0.4214,
0.3982

■ 37.4556, 0.3030,
0.3209

■ 19.1270, 0.4476,
0.4086

■ 41.0064, 0.2904,
0.3098

■ 17.3624, 0.4740,
0.4159

■ 44.8075, 0.2794,
0.2996

■ 15.7882, 0.4991,
0.4188

■ 48.8644, 0.2698,
0.2902

■ 14.3947, 0.5212,
0.4167

■ 53.1821, 0.2614,
0.2817

■ 13.5271, 0.5353,
0.4132

■ 57.7654, 0.2540,
0.2738

■ 61.8205, 0.2533,
0.2791

Harmonies

Analogous

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



28.2496, 0.3552, 0.3433



28.2496, 0.3524, 0.3588



28.2496, 0.3387, 0.3669

Triad

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



28.2496, 0.3524, 0.3588



28.2496, 0.2802, 0.3318



28.2496, 0.3060, 0.2966

Complementary

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



28.2496, 0.3524, 0.3588



25.8060, 0.2770, 0.2972

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.



28.2496, 0.2865, 0.2929



28.2496, 0.3524, 0.3588



28.2496, 0.2720, 0.3123

Square

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



28.2496, 0.3524, 0.3588



28.2496, 0.2969, 0.3513



28.2496, 0.2743, 0.2983



28.2496, 0.3279, 0.3082

Rectangle

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



28.2496, 0.3524, 0.3588



28.2496, 0.3255, 0.3664



28.2496, 0.2743, 0.2983



28.2496, 0.2989, 0.2944

Sweetspot

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



28.2509, 0.3524, 0.3588



59.7159, 0.3237, 0.3378



23.5843, 0.3364, 0.3002



13.0306, 0.3246, 0.3385



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.2509, 0.3524, 0.3588



48.6777, 0.3635, 0.3662



34.0431, 0.3467, 0.3851



7.1809, 0.3272, 0.3405



10.6269, 0.5339, 0.4143



0.2746, 0.4789, 0.4579

Inverse Universe

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



25.8060, 0.2770, 0.2972



43.4033, 0.2682, 0.2886



20.9239, 0.2746, 0.2659



6.9414, 0.2988, 0.3172



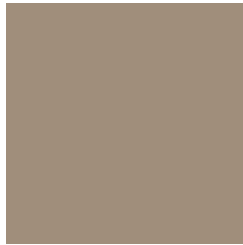
6.2946, 0.1769, 0.1568



0.1970, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 28.2496, 0.3524, 0.3588 looks on a white background.

Color Contrast Check

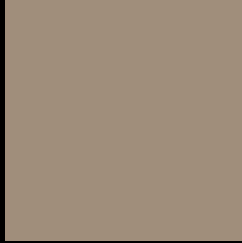
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2496, 0.3524, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

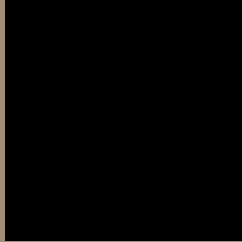
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2496, 0.3524, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 28.2496, 0.3524, 0.3588.



This preview shows how white text looks on a background with the Yxy color 28.2496, 0.3524, 0.3588.

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

28.2496, 0.3524, 0.3588

Protanopia

28.3814, 0.3414, 0.3628

Deuteranopia

28.1360, 0.3604, 0.3520



Tritanopia

28.1334, 0.3289, 0.3124

Trichromacy



Original Color

28.2496, 0.3524, 0.3588

Protanomaly

28.3703, 0.3451, 0.3609

Deuteranomaly

28.1039, 0.3566, 0.3538

Tritanomaly

28.0401, 0.3372, 0.3275

Monochromacy



Original Color

28.2496, 0.3524, 0.3588

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2367, 0.3261, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2496, 0.3524, 0.3588 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(160, 142, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 142, 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(160, 142, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 142, 123) }
```

Border

The CSS property to change the border of an element to Yxy 28.2496, 0.3524, 0.3588 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(160, 142, 123) }
```

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

```
.border{ border-color:rgb(160, 142, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 142, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 142, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 142, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 142,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2496, 0.3524, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 142, 123) }
```

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

```
.background{ background-color: rgb(160,  
142, 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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