

Converting Colors

$Y_{xy}(28.6669, 0.3488, 0.3408)$

Have a look what the booklet for
Yxy(28.6669, 0.3488, 0.3408)
contains.

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Color

Yxy(28.5566, 0.3490, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	A68C85
RGB	166, 140, 133
RGB Percent	65%, 55%, 52%
CMY	0.3492, 0.4509, 0.4785
CMYK	0.00, 0.16, 0.20, 0.35
HSL	13°, 16%, 59%
HSV	13°, 20%, 65%
XYZ	29.3298, 28.5566, 26.1531
YIQ	146.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

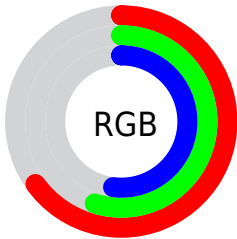
Format	Color
RYB	166, 142, 133
Decimal	10914949
CIELab	60.39, 8.62, 7.38
CIELCh	60, 11.347, 40.579
Yxy	28.5566, 0.3490, 0.3398
Android (android.graphics.Color)	4289105029 (0xFFA68C85)
YUV	146.9760, -6.8902, 16.6840
Hunter-Lab	53.4384, 4.4529, 8.3900

Details

The Yxy color $28.5566, 0.3490, 0.3398$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.5071, 0.2830, 0.3179$, and the grayscale version is $29.1894, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5009, 0.3411, 0.3383$, and $11.5298, 0.3619, 0.3422$ is the 20% darker color. If you saturate the color by 10%, you get $24.5423, 0.3729, 0.3456$, and if you desaturate by 10%, it is $33.0987, 0.3291, 0.3342$.

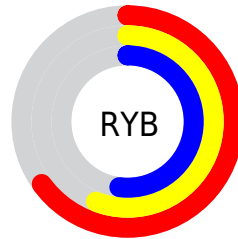
Distribution



Red (65%)

Green (55%)

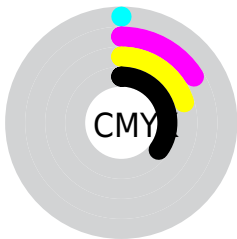
Blue (52%)



Red (65%)

Yellow (56%)

Blue (52%)

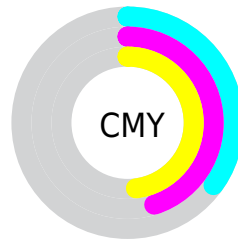


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (35%)



Cyan (35%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5566, 0.3490, 0.3398 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 28.5566, 0.3490, 0.3398 by changing the saturation by 10% instead.


 28.5566, 0.3490,
0.3398


 28.5566, 0.3490,
0.3398


295.1171, 0.3293,
0.3342

 18.7457, 0.3545,
0.3412


 57.3719, 0.3414,
0.3377

 11.4866, 0.3621,
0.3431


 77.1450, 0.3387,
0.3370

 6.3952, 0.3729,
0.3457


 101.0076, 0.3364,
0.3363

 3.0868, 0.3897,
0.3492

129.3441, 0.3345,
0.3358

 1.1772, 0.4213,
0.3560

162.5389, 0.3329,
0.3353

 0.0430, 0.8539,
0.1461

200.9764, 0.3315,

 0.0000, 0.0000,

0.3349

0.0000

245.0410, 0.3303,
0.3345

■ 28.5566, 0.3490,
0.3398

■ 28.5566, 0.3490,
0.3398

■ 24.5423, 0.3729,
0.3456

■ 33.0987, 0.3291,
0.3342

■ 21.0328, 0.4013,
0.3514

■ 38.1829, 0.3125,
0.3289

■ 18.0090, 0.4343,
0.3568

■ 43.8277, 0.2987,
0.3241

■ 15.4492, 0.4717,
0.3609

■ 50.0497, 0.2872,
0.3197

■ 13.3299, 0.5117,
0.3630

■ 56.8647, 0.2776,
0.3156

■ 11.6256, 0.5513,
0.3621

■ 64.2879, 0.2695,
0.3120

■ 10.3079, 0.5862,
0.3576

■ 72.3340, 0.2626,
0.3087

■ 9.3388, 0.6136,
0.3508

■ 80.3049, 0.2617,
0.3172

■ 9.3275, 0.6140,
0.3507

■ 86.8420, 0.2633,
0.3289

Harmonies

Analogous

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



28.5566, 0.3401, 0.3238



28.5566, 0.3490, 0.3398



28.5566, 0.3478, 0.3536

Triad

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



28.5566, 0.3490, 0.3398



28.5566, 0.3011, 0.3498



28.5566, 0.2884, 0.2978

Complementary

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



28.5566, 0.3490, 0.3398



32.5071, 0.2830, 0.3179

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.



28.5566, 0.2787, 0.3035



28.5566, 0.3490, 0.3398



28.5566, 0.2859, 0.3335

Square

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



28.5566, 0.3490, 0.3398



28.5566, 0.3198, 0.3601



28.5566, 0.2778, 0.3164



28.5566, 0.3048, 0.3001

Rectangle

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



28.5566, 0.3490, 0.3398



28.5566, 0.3415, 0.3597



28.5566, 0.2778, 0.3164



28.5566, 0.2843, 0.2988

Sweetspot

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



28.5579, 0.3490, 0.3398



63.4537, 0.3225, 0.3322



27.3905, 0.3218, 0.2901



14.0740, 0.3236, 0.3325



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.



28.5579, 0.3490, 0.3398



48.4026, 0.3594, 0.3425



33.5939, 0.3445, 0.3634



7.7921, 0.3281, 0.3339



7.2953, 0.6125, 0.3519



0.2474, 0.5539, 0.3984

Inverse Universe

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



32.5071, 0.2830, 0.3179



56.9435, 0.2763, 0.3151



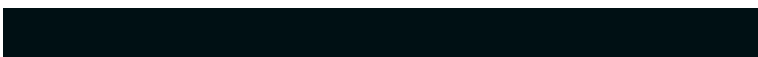
27.3463, 0.2814, 0.2920



8.2564, 0.2987, 0.3241



14.7074, 0.2056, 0.2602



0.4240, 0.2126, 0.2854

Previews

White Background



This preview shows how the Yxy color 28.5566, 0.3490, 0.3398 looks on a white background.

Color Contrast Check

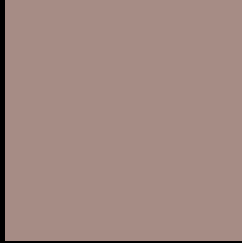
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5566, 0.3490, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

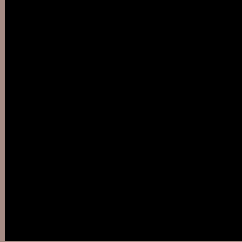
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5566, 0.3490, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 28.5566, 0.3490, 0.3398.



This preview shows how white text looks on a background with the Yxy color 28.5566, 0.3490, 0.3398.

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

28.5566, 0.3490, 0.3398

Protanopia

28.6077, 0.3281, 0.3434

Deuteranopia

28.7425, 0.3476, 0.3413



Tritanopia

28.6399, 0.3355, 0.3142

Trichromacy



Original Color

28.5566, 0.3490, 0.3398

Protanomaly

28.4621, 0.3350, 0.3416

Deuteranomaly

28.7425, 0.3476, 0.3413

Tritanomaly

28.6639, 0.3396, 0.3231

Monochromacy



Original Color

28.5566, 0.3490, 0.3398

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7695, 0.3254, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5566, 0.3490, 0.3398 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.5566, 0.3490, 0.3398 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, 133) }
```

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

```
.border{ border-color:rgb(166, 140, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5566, 0.3490, 0.3398 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, 133) }
```

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

```
.background{ background-color: rgb(166,  
140, 133) }
```

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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