

Converting Colors

$Y_{xy}(28.5659, 0.3323, 0.3735)$

Have a look what the booklet for
Yxy(28.5659, 0.3323, 0.3735)
contains.

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Color

Yxy(28.6508, 0.3315, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	8E957A
RGB	142, 149, 122
RGB Percent	56%, 58%, 48%
CMY	0.4431, 0.4157, 0.5216
CMYK	0.05, 0.00, 0.18, 0.42
HSL	76°, 11%, 53%
HSV	76°, 18%, 58%
XYZ	25.4154, 28.6508, 22.6017
YIQ	143.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

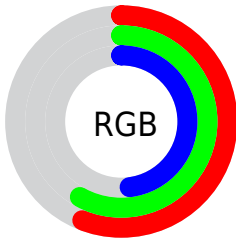
Format	Color
R_{YB}	122, 149, 129
Decimal	9344378
CIE _{Lab}	60.47, -7.50, 13.43
CIE _{LCh}	60, 15.380, 119.175
Yxy	28.6508, 0.3315, 0.3737
Android (android.graphics.Color)	4287534458 (0xFF8E957A)
YUV	143.8290, -10.7617, -1.6040
Hunter-Lab	53.5264, -8.9159, 12.4331

Details

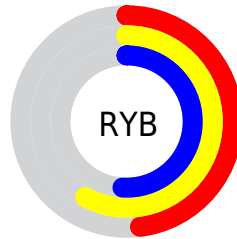
The Yxy color **28.6508, 0.3315, 0.3737** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.7557, 0.2916, 0.2824**, and the grayscale version is **27.8607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5036, 0.3283, 0.3647**, and **11.4917, 0.3388, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **27.9747, 0.3418, 0.3999**, and if you desaturate by 10%, it is **29.3979, 0.3211, 0.3485**.

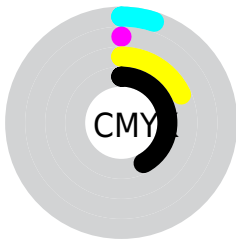
Distribution



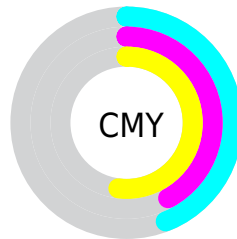
- Red (56%)
- Green (58%)
- Blue (48%)



- Red (48%)
- Yellow (58%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)





- Cyan (44%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6508, 0.3315, 0.3737 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 28.6508, 0.3315, 0.3737 by changing the saturation by 10% instead.


 28.6508, 0.3315,
0.3737


 28.6508, 0.3315,
0.3737


295.5638, 0.3216,
0.3492

 18.8168, 0.3341,
0.3807


 57.5218, 0.3278,
0.3642

 11.5380, 0.3376,
0.3902


 77.3276, 0.3264,
0.3608

 6.4299, 0.3424,
0.4039


 101.2262, 0.3253,
0.3580

 3.1082, 0.3492,
0.4254

129.6019, 0.3243,
0.3557

 1.1885, 0.3786,
0.4884

162.8391, 0.3235,
0.3537

 0.0523, 0.0000,
1.0000

201.3222, 0.3228,

 0.0000, 0.0000,

0.3520

0.0000

245.4356, 0.3221,
0.3505

■ 28.6508, 0.3315,
0.3737

■ 28.6508, 0.3315,
0.3737

■ 27.9747, 0.3418,
0.3999

■ 29.3979, 0.3211,
0.3485

■ 27.3630, 0.3515,
0.4263

■ 30.2149, 0.3108,
0.3247

■ 26.8143, 0.3603,
0.4521


■ 31.1052, 0.3009,
0.3025


■ 26.3254, 0.3676,
0.4764


■ 32.0711, 0.2915,
0.2821

■ 25.8928, 0.3729,
0.4979

■ 33.1149, 0.2827,
0.2635

 25.5126, 0.3760,
0.5158


 34.2386, 0.2745,
0.2466

 25.1804, 0.3766,
0.5293

 35.4441, 0.2669,
0.2314

 24.8875, 0.3752,
0.5388

 36.7333, 0.2600,
0.2177

 24.8345, 0.3749,
0.5405

 38.0371, 0.2542,
0.2063

Harmonies

Analogous

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



28.6508, 0.3524, 0.3700



28.6508, 0.3315, 0.3737



28.6508, 0.3062, 0.3642

Triad

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



28.6508, 0.3315, 0.3737



28.6508, 0.2651, 0.3000



28.6508, 0.3423, 0.3141

Complementary

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



28.6508, 0.3315, 0.3737



20.7557, 0.2916, 0.2824

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.



28.6508, 0.3178, 0.2971



28.6508, 0.3315, 0.3737



28.6508, 0.2738, 0.2886

Square

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



28.6508, 0.3315, 0.3737



28.6508, 0.2685, 0.3201



28.6508, 0.2927, 0.2879



28.6508, 0.3590, 0.3350

Rectangle

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



28.6508, 0.3315, 0.3737



28.6508, 0.2903, 0.3516



28.6508, 0.2927, 0.2879



28.6508, 0.3346, 0.3078

Sweetspot

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



28.6521, 0.3315, 0.3737



53.0735, 0.3179, 0.3411



23.4295, 0.3447, 0.3404



11.7417, 0.3186, 0.3427



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



28.6521, 0.3315, 0.3737



50.7701, 0.3360, 0.3849



27.5487, 0.3174, 0.3757



6.6698, 0.3222, 0.3511



20.9152, 0.3752, 0.5403



0.2702, 0.3972, 0.5228

Inverse Universe

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



20.7557, 0.2916, 0.2824



33.7766, 0.2858, 0.2700



21.8616, 0.3068, 0.2844



5.7013, 0.3027, 0.3064



2.1962, 0.1674, 0.0696



0.0394, 0.2098, 0.0929

Previews

White Background



This preview shows how the Yxy color 28.6508, 0.3315, 0.3737 looks on a white background.

Color Contrast Check

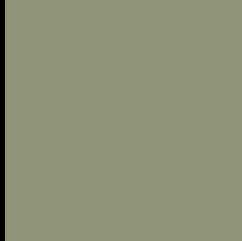
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6508, 0.3315, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

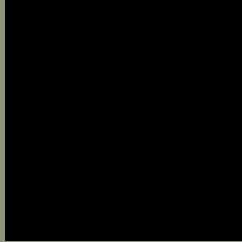
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

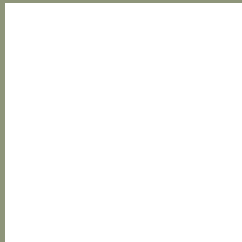
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.6508, 0.3315, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 28.6508, 0.3315, 0.3737.



This preview shows how white text looks on a background with the Yxy color 28.6508, 0.3315, 0.3737.

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

28.6508, 0.3315, 0.3737

Protanopia

28.4769, 0.3478, 0.3690

Deuteranopia

28.4269, 0.3601, 0.3535



Tritanopia

28.5499, 0.3043, 0.3102

Trichromacy



Original Color

28.6508, 0.3315, 0.3737

Protanomaly

28.4223, 0.3420, 0.3695

Deuteranomaly

28.3441, 0.3498, 0.3606

Tritanomaly

28.5911, 0.3136, 0.3322

Monochromacy



Original Color

28.6508, 0.3315, 0.3737

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.1750, 0.3193, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6508, 0.3315, 0.3737 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(142, 149, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 149, 122)  
}
```

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(142, 149, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 149, 122) }
```

Border

The CSS property to change the border of an element to Yxy 28.6508, 0.3315, 0.3737 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(142, 149, 122) }
```

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

```
.border{ border-color:rgb(142, 149, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 149, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 149, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 149, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 149,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6508, 0.3315, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 149, 122) }
```

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

```
.background{ background-color: rgb(142,  
149, 122) }
```

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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