

Converting Colors

$Y_{xy}(28.3004, 0.3337, 0.3751)$

Have a look what the booklet for
Yxy(28.3004, 0.3337, 0.3751)
contains.

Yxy(28.2867, 0.3337, 0.3755)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.2867, 0.3337, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	8E9478
RGB	142, 148, 120
RGB Percent	56%, 58%, 47%
CMY	0.4431, 0.4196, 0.5294
CMYK	0.04, 0.00, 0.19, 0.42
HSL	73°, 12%, 53%
HSV	73°, 19%, 58%
XYZ	25.1379, 28.2867, 21.9062
YIQ	143.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

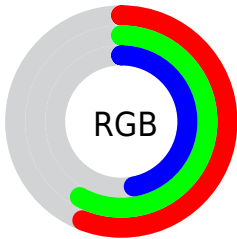
Format	Color
RYB	120, 148, 126
Decimal	9344120
CIELab	60.15, -7.27, 14.10
CIElCh	60, 15.861, 117.290
Yxy	28.2867, 0.3337, 0.3755
Android (android.graphics.Color)	4287534200 (0xFF8E9478)
YUV	143.0140, -11.3459, -0.8893
Hunter-Lab	53.1852, -8.7066, 12.8090

Details

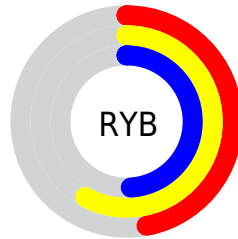
The Yxy color $28.2867, 0.3337, 0.3755$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.0075, 0.2892, 0.2800$, and the grayscale version is $27.5203, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9554, 0.3299, 0.3660$, and $11.2796, 0.3420, 0.3927$ is the 20% darker color. If you saturate the color by 10%, you get $27.6801, 0.3447, 0.4014$, and if you desaturate by 10%, it is $28.9593, 0.3225, 0.3504$.

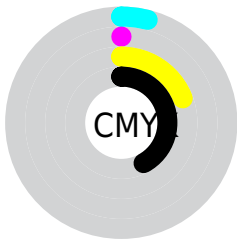
Distribution



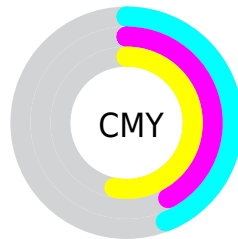
- Red (56%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (49%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)




- Cyan (44%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2867, 0.3337, 0.3755 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 28.2867, 0.3337, 0.3755 by changing the saturation by 10% instead.


 28.2867, 0.3337,
0.3755


 28.2867, 0.3337,
0.3755


293.8343, 0.3226,
0.3499


 18.5419, 0.3367,
0.3828


 56.9418, 0.3295,
0.3656

 11.3397, 0.3406,
0.3927


 76.6210, 0.3280,
0.3621

 6.2958, 0.3460,
0.4071


 100.3803, 0.3267,
0.3591

 3.0258, 0.3537,
0.4295

128.6043, 0.3256,
0.3567

 1.1452, 0.3919,
0.5036

161.6773, 0.3247,
0.3546

 0.0163, 0.0000,
1.0000

199.9837, 0.3239,

 0.0000, 0.0000,

0.3528

0.0000

243.9079, 0.3232,
0.3513

■ 28.2867, 0.3337,
0.3755

■ 28.2867, 0.3337,
0.3755

■ 27.6801, 0.3447,
0.4014

■ 28.9593, 0.3225,
0.3504

■ 27.1331, 0.3552,
0.4273

■ 29.6966, 0.3115,
0.3265

■ 26.6441, 0.3647,
0.4524


■ 30.5021, 0.3009,
0.3041

■ 26.2102, 0.3726,
0.4756


■ 31.3781, 0.2909,
0.2835


■ 25.8279, 0.3786,
0.4960


■ 32.3265, 0.2815,
0.2646

 25.4935, 0.3823,
0.5126


 33.3495, 0.2727,
0.2474


 25.2026, 0.3835,
0.5249

 34.4488, 0.2647,
0.2318

 24.9453, 0.3827,
0.5335

 35.6263, 0.2573,
0.2178

 24.9181, 0.3826,
0.5344

 36.8839, 0.2505,
0.2052

Harmonies

Analogous

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



28.2867, 0.3548, 0.3707



28.2867, 0.3337, 0.3755



28.2867, 0.3076, 0.3665

Triad

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



28.2867, 0.3337, 0.3755



28.2867, 0.2634, 0.3000



28.2867, 0.3419, 0.3123

Complementary

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



28.2867, 0.3337, 0.3755



20.0075, 0.2892, 0.2800

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.



28.2867, 0.3162, 0.2952



28.2867, 0.3337, 0.3755



28.2867, 0.2715, 0.2876

Square

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



28.2867, 0.3337, 0.3755



28.2867, 0.2676, 0.3212



28.2867, 0.2905, 0.2862



28.2867, 0.3599, 0.3338

Rectangle

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



28.2867, 0.3337, 0.3755



28.2867, 0.2909, 0.3538



28.2867, 0.2905, 0.2862



28.2867, 0.3338, 0.3059

Sweetspot

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



28.2879, 0.3337, 0.3755



51.4499, 0.3194, 0.3436



22.4730, 0.3467, 0.3385



11.7282, 0.3201, 0.3450



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.



28.2879, 0.3337, 0.3755



49.4125, 0.3388, 0.3872



27.1563, 0.3191, 0.3777



6.6828, 0.3229, 0.3511



21.2965, 0.3829, 0.5342



0.2732, 0.4014, 0.5195

Inverse Universe

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



20.0075, 0.2892, 0.2800



31.8559, 0.2826, 0.2668



21.1136, 0.3049, 0.2822



5.6891, 0.3020, 0.3064



2.0937, 0.1627, 0.0670



0.0364, 0.2003, 0.0877

Previews

White Background



This preview shows how the Yxy color 28.2867, 0.3337, 0.3755 looks on a white background.

Color Contrast Check

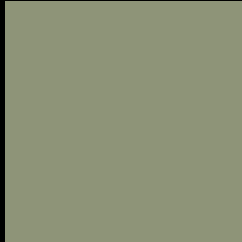
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2867, 0.3337, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

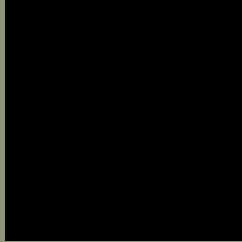
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

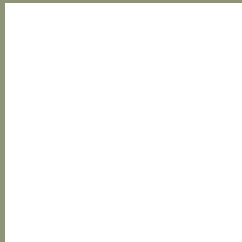
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.2867, 0.3337, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 28.2867, 0.3337, 0.3755.



This preview shows how white text looks on a background with the Yxy color 28.2867, 0.3337, 0.3755.

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

28.2867, 0.3337, 0.3755

Protanopia

28.3311, 0.3488, 0.3724

Deuteranopia

28.0859, 0.3627, 0.3551



Tritanopia

28.2145, 0.3053, 0.3101

Trichromacy



Original Color

28.2867, 0.3337, 0.3755

Protanomaly

28.2792, 0.3429, 0.3730

Deuteranomaly

27.9956, 0.3523, 0.3623

Tritanomaly

28.2235, 0.3156, 0.3338

Monochromacy



Original Color

28.2867, 0.3337, 0.3755

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.8397, 0.3204, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2867, 0.3337, 0.3755 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, 148, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 148, 120)  
}
```

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, 148, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 148, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.2867, 0.3337, 0.3755 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, 148, 120) }
```

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

```
.border{ border-color:rgb(142, 148, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 148, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 148, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 148, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 148,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2867, 0.3337, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 148, 120) }
```

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

```
.background{ background-color: rgb(142,  
148, 120) }
```

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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