

Converting Colors

$Y_{xy}(25.8824, 0.3247, 0.3708)$

Have a look what the booklet for
Yxy(25.8824, 0.3247, 0.3708)
contains.

Yxy(25.8824, 0.3247, 0.3708)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8824, 0.3247, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	848F77
RGB	132, 143, 119
RGB Percent	52%, 56%, 47%
CMY	0.4825, 0.4392, 0.5333
CMYK	0.08, 0.00, 0.17, 0.44
HSL	88°, 10%, 51%
HSV	88°, 17%, 56%
XYZ	22.6646, 25.8824, 21.2546
YIQ	136.9750, 1.1480, -9.7960

Conversions

Conversions Part 2

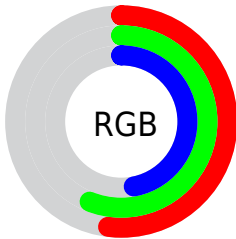
Format	Color
R_{YB}	119, 143, 130
Decimal	8687479
CIE _{Lab}	57.93, -8.59, 11.44
CIE _{LCh}	58, 14.304, 126.898
Yxy	25.8824, 0.3247, 0.3708
Android (android.graphics.Color)	4286877559 (0xFF848F77)
YUV	136.9750, -8.8617, -4.3631
Hunter-Lab	50.8747, -9.5096, 10.8420

Details

The Yxy color **25.8824, 0.3247, 0.3708** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.9272, 0.2991, 0.2870**, and the grayscale version is **25.0390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1871, 0.3223, 0.3623**, and **10.0775, 0.3273, 0.3866** is the 20% darker color. If you saturate the color by 10%, you get **25.0518, 0.3316, 0.3980**, and if you desaturate by 10%, it is **26.8003, 0.3176, 0.3453**.

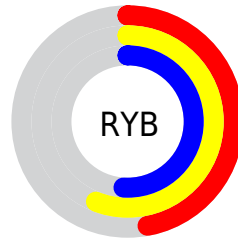
Distribution



Red (52%)

Green (56%)

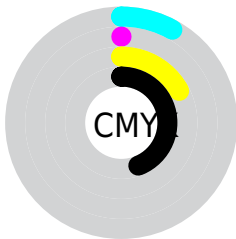
Blue (47%)



Red (47%)

Yellow (56%)

Blue (51%)

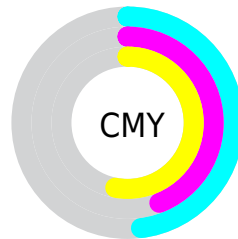


Cyan (8%)

Magenta (0%)

Yellow (17%)

Black (44%)



Cyan (48%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8824, 0.3247, 0.3708 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 25.8824, 0.3247, 0.3708 by changing the saturation by 10% instead.


 25.8824, 0.3247,
0.3708


 25.8824, 0.3247,
0.3708


282.2043, 0.3183,
0.3474

 16.7357, 0.3264,
0.3776


 53.0852, 0.3223,
0.3616

 10.0462, 0.3286,
0.3871


 71.9100, 0.3214,
0.3584

 5.4296, 0.3317,
0.4011

 94.7297, 0.3207,
0.3558

 2.5015, 0.3359,
0.4238

121.9286, 0.3201,
0.3535

 0.8774, 0.3767,
0.5294

153.8911, 0.3196,
0.3517

 0.0000, 0.0000,
0.0000

191.0016, 0.3191,

0.3501

233.6446, 0.3187,
0.3487

■ 25.8824, 0.3247,
0.3708

■ 25.8824, 0.3247,
0.3708

■ 25.0518, 0.3316,
0.3980

■ 26.8003, 0.3176,
0.3453

■ 24.3024, 0.3380,
0.4263

■ 27.8051, 0.3104,
0.3216

■ 23.6321, 0.3435,
0.4549


■ 28.9003, 0.3035,
0.3001


■ 23.0376, 0.3476,
0.4827


■ 30.0885, 0.2969,
0.2806

■ 22.5152, 0.3500,
0.5084

■ 31.3721, 0.2906,
0.2630

 22.0609, 0.3504,
0.5307

 32.7535, 0.2847,
0.2473


 21.6703, 0.3486,
0.5485

 34.2347, 0.2793,
0.2333

 21.3360, 0.3448,
0.5615

 35.8179, 0.2742,
0.2207

 21.2363, 0.3436,
0.5654

 37.5053, 0.2695,
0.2095

Harmonies

Analogous

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



25.8824, 0.3465, 0.3705



25.8824, 0.3247, 0.3708



25.8824, 0.3003, 0.3586

Triad

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



25.8824, 0.3247, 0.3708



25.8824, 0.2679, 0.2973



25.8824, 0.3462, 0.3196

Complementary

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



25.8824, 0.3247, 0.3708



19.9272, 0.2991, 0.2870

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.



25.8824, 0.3240, 0.3019



25.8824, 0.3247, 0.3708



25.8824, 0.2791, 0.2890

Square

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



25.8824, 0.3247, 0.3708



25.8824, 0.2682, 0.3149



25.8824, 0.2994, 0.2908



25.8824, 0.3594, 0.3402

Rectangle

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



25.8824, 0.3247, 0.3708



25.8824, 0.2859, 0.3451



25.8824, 0.2994, 0.2908



25.8824, 0.3395, 0.3132

Sweetspot

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



25.8835, 0.3247, 0.3708



48.2783, 0.3164, 0.3411



23.0866, 0.3405, 0.3476



11.0461, 0.3168, 0.3427



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.8835, 0.3247, 0.3708



45.7866, 0.3273, 0.3805



24.9880, 0.3119, 0.3725



6.1638, 0.3193, 0.3512



18.7862, 0.3439, 0.5651



0.1927, 0.3768, 0.5390

Inverse Universe

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



19.9272, 0.2991, 0.2870



33.1326, 0.2957, 0.2771



20.9120, 0.3131, 0.2887



5.3689, 0.3057, 0.3068



2.7826, 0.1973, 0.0860



0.0395, 0.2469, 0.1134

Previews

White Background



This preview shows how the Yxy color 25.8824, 0.3247, 0.3708 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 25.8824, 0.3247, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

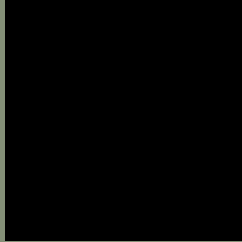
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

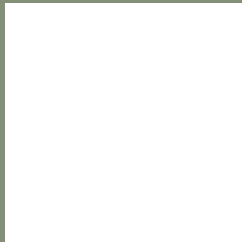
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.8824, 0.3247, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 25.8824, 0.3247, 0.3708.



This preview shows how white text looks on a background with the Yxy color 25.8824, 0.3247, 0.3708.

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

25.8824, 0.3247, 0.3708

Protanopia

25.9526, 0.3448, 0.3656

Deuteranopia

25.8016, 0.3562, 0.3498



Tritanopia

25.9856, 0.2997, 0.3109

Trichromacy



Original Color

25.8824, 0.3247, 0.3708

Protanomaly

25.8150, 0.3377, 0.3662

Deuteranomaly

25.6369, 0.3445, 0.3572

Tritanomaly

25.7711, 0.3083, 0.3307

Monochromacy



Original Color

25.8824, 0.3247, 0.3708

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2278, 0.3175, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8824, 0.3247, 0.3708 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(132, 143, 119)` looks like.

```
.text, #text, p{  
    color:rgb(132, 143, 119)  
}
```

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(132, 143, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 143, 119) }
```

Border

The CSS property to change the border of an element to Yxy 25.8824, 0.3247, 0.3708 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(132, 143, 119) }
```

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

```
.border{ border-color:rgb(132, 143, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 143, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 143, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 143, 119);  
box-shadow:4px 4px 4px 4px rgb(132, 143,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8824, 0.3247, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 143, 119) }
```

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

```
.background{ background-color: rgb(132,  
143, 119) }
```

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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