

Converting Colors

$Y_{xy}(25.9543, 0.3483, 0.4208)$

Have a look what the booklet for
Yxy(25.9543, 0.3483, 0.4208)
contains.

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Color

$\text{Yxy}(25.8664, 0.3487, 0.4203)$

Conversions

Conversions Part 1

Format	Color
Hex	83915D
RGB	131, 145, 93
RGB Percent	51%, 57%, 36%
CMY	0.4863, 0.4313, 0.6353
CMYK	0.10, 0.00, 0.36, 0.43
HSL	76°, 22%, 47%
HSV	76°, 36%, 57%
XYZ	21.4599, 25.8664, 14.2164
YIQ	134.8860, 8.3480, -19.1400

Conversions

Conversions Part 2

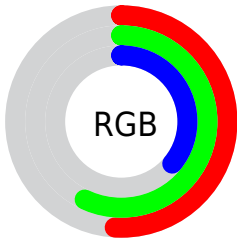
Format	Color
R_{YB}	93, 145, 107
Decimal	8622429
CIE _{Lab}	57.91, -14.12, 25.97
CIE _{LCh}	58, 29.557, 118.527
Yxy	25.8664, 0.3487, 0.4203
Android (android.graphics.Color)	4286812509 (0xFF83915D)
YUV	134.8860, -20.6498, -3.4080
Hunter-Lab	50.8590, -13.6853, 19.0283

Details

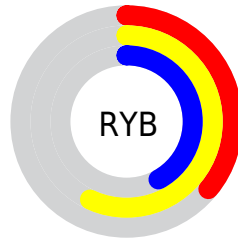
The Yxy color **25.8664, 0.3487, 0.4203** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.9992, 0.2666, 0.2297**, and the grayscale version is **24.2595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1748, 0.3421, 0.4001**, and **10.1310, 0.3589, 0.4557** is the 20% darker color. If you saturate the color by 10%, you get **25.3283, 0.3575, 0.4464**, and if you desaturate by 10%, it is **26.4673, 0.3390, 0.3938**.

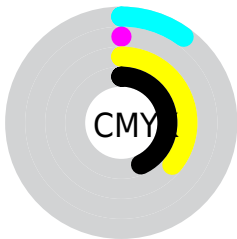
Distribution



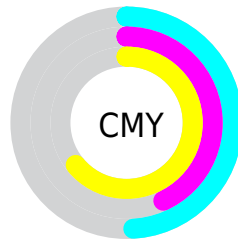
- Red (51%)
- Green (57%)
- Blue (36%)



- Red (36%)
- Yellow (57%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8664, 0.3487, 0.4203 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 25.8664, 0.3487, 0.4203 by changing the saturation by 10% instead.

■ 25.8664, 0.3487,
0.4203

■ 25.8664, 0.3487,
0.4203

282.1256, 0.3301,
0.3690

■ 16.7237, 0.3532,
0.4352

■ 53.0593, 0.3419,
0.4002

■ 10.0377, 0.3588,
0.4556

■ 71.8784, 0.3394,
0.3931

■ 5.4240, 0.3653,
0.4850

■ 94.6917, 0.3372,
0.3872

■ 2.4981, 0.3812,
0.5440

■ 121.8836, 0.3354,
0.3824

■ 0.8757, 0.3577,
0.6423

153.8386, 0.3338,
0.3783

■ 0.0000, 0.0000,
0.0000

190.9410, 0.3324,

0.3747

233.5752, 0.3312,
0.3717

■ 25.8664, 0.3487,
0.4203

■ 25.8664, 0.3487,
0.4203

■ 25.3283, 0.3575,
0.4464

■ 26.4673, 0.3390,
0.3938

■ 24.8467, 0.3650,
0.4713

■ 27.1301, 0.3289,
0.3678

■ 24.4196, 0.3707,
0.4937


■ 27.8587, 0.3186,
0.3429


■ 24.0433, 0.3742,
0.5127


■ 28.6552, 0.3086,
0.3195

■ 23.7139, 0.3752,
0.5275


■ 29.5220, 0.2990,
0.2978


 23.4255, 0.3740,
0.5379

 30.4610, 0.2899,
0.2779

 23.3126, 0.3733,
0.5418

 31.4745, 0.2813,
0.2597

 32.5641, 0.2734,
0.2433

 33.7319, 0.2661,
0.2285

Harmonies

Analogous

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



25.8664, 0.3906, 0.4080



25.8664, 0.3487, 0.4203



25.8664, 0.2991, 0.4030

Triad

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



25.8664, 0.3487, 0.4203



25.8664, 0.2219, 0.2710



25.8664, 0.3704, 0.2986

Complementary

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



25.8664, 0.3487, 0.4203



12.9992, 0.2666, 0.2297

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.



25.8664, 0.3203, 0.2682



25.8664, 0.3487, 0.4203



25.8664, 0.2372, 0.2513

Square

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



25.8664, 0.3487, 0.4203



25.8664, 0.2281, 0.3097



25.8664, 0.2719, 0.2511



25.8664, 0.4051, 0.3369

Rectangle

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



25.8664, 0.3487, 0.4203



25.8664, 0.2685, 0.3761



25.8664, 0.2719, 0.2511



25.8664, 0.3545, 0.2873

Sweetspot

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



25.8675, 0.3487, 0.4203



49.1716, 0.3241, 0.3561



17.2980, 0.3865, 0.3538



10.9047, 0.3253, 0.3591



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.



25.8675, 0.3487, 0.4203



45.5370, 0.3559, 0.4414



24.0543, 0.3201, 0.4292



6.2133, 0.3220, 0.3510



20.0072, 0.3736, 0.5416



0.2021, 0.3963, 0.5236

Inverse Universe

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



12.9992, 0.2666, 0.2297



18.9940, 0.2537, 0.2043



14.8486, 0.3003, 0.2387



5.3209, 0.3029, 0.3066



2.1362, 0.1687, 0.0703



0.0301, 0.2118, 0.0941

Previews

White Background



This preview shows how the Yxy color 25.8664, 0.3487, 0.4203 looks on a white background.

Color Contrast Check

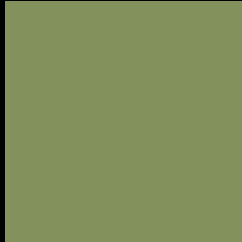
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8664, 0.3487, 0.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

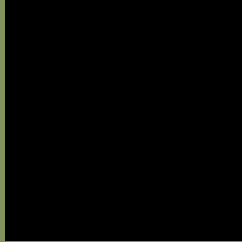
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8664, 0.3487, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 25.8664, 0.3487, 0.4203.



This preview shows how white text looks on a background with the Yxy color 25.8664, 0.3487, 0.4203.

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

25.8664, 0.3487, 0.4203

Protanopia

25.7999, 0.3773, 0.4076

Deuteranopia

25.7266, 0.3938, 0.3863



Tritanopia

25.7502, 0.3018, 0.3109

Trichromacy



Original Color

25.8664, 0.3487, 0.4203

Protanomaly

25.7518, 0.3668, 0.4114

Deuteranomaly

25.4898, 0.3767, 0.3976

Tritanomaly

25.7856, 0.3183, 0.3495

Monochromacy



Original Color

25.8664, 0.3487, 0.4203

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.8896, 0.3267, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8664, 0.3487, 0.4203 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(131, 145, 93)` looks like.

```
.text, #text, p{  
    color:rgb(131, 145, 93)  
}
```

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(131, 145, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 145, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.8664, 0.3487, 0.4203 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(131, 145, 93) }
```

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

```
.border{ border-color:rgb(131, 145, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 145, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 145, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 145, 93);  
box-shadow:4px 4px 4px 4px rgb(131, 145,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8664, 0.3487, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 145, 93) }
```

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

```
.background{ background-color: rgb(131,  
145, 93) }
```

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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