

Converting Colors

$Y_{xy}(25.0240, 0.3653, 0.4256)$

Have a look what the booklet for
Yxy(25.0240, 0.3653, 0.4256)
contains.

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Color

$\text{Yxy}(25.0240, 0.3653, 0.4256)$

Conversions

Conversions Part 1

Format	Color
Hex	898D55
RGB	137, 141, 85
RGB Percent	54%, 55%, 33%
CMY	0.4628, 0.4470, 0.6666
CMYK	0.03, 0.00, 0.40, 0.45
HSL	64°, 25%, 44%
HSV	64°, 40%, 55%
XYZ	21.4785, 25.0240, 12.2945
YIQ	133.4200, 15.5920, -18.2640

Conversions

Conversions Part 2

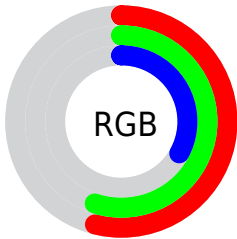
Format	Color
R _Y B	85, 141, 89
Decimal	9014613
CIE Lab	57.10, -10.53, 29.37
CIE LCh	57, 31.196, 109.729
Yxy	25.0240, 0.3653, 0.4256
Android (android.graphics.Color)	4287204693 (0xFF898D55)
YUV	133.4200, -23.8711, 3.1397
Hunter-Lab	50.0240, -10.9004, 20.4450

Details

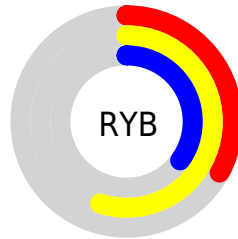
The Yxy color **25.0240, 0.3653, 0.4256** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.5483, 0.2470, 0.2138**, and the grayscale version is **23.7009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8842, 0.3544, 0.4046**, and **9.6005, 0.3812, 0.4616** is the 20% darker color. If you saturate the color by 10%, you get **24.7374, 0.3772, 0.4484**, and if you desaturate by 10%, it is **25.3583, 0.3524, 0.4014**.

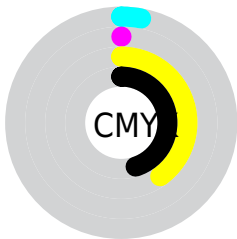
Distribution



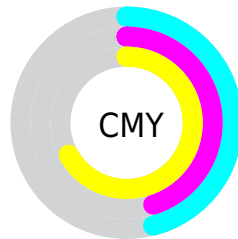
- Red (54%)
- Green (55%)
- Blue (33%)



- Red (33%)
- Yellow (55%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)





- Cyan (46%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0240, 0.3653, 0.4256 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 25.0240, 0.3653, 0.4256 by changing the saturation by 10% instead.


 25.0240, 0.3653,
0.4256


 25.0240, 0.3653,
0.4256


277.9574, 0.3376,
0.3717


 16.0949, 0.3723,
0.4409


 51.6962, 0.3551,
0.4046

 9.5914, 0.3809,
0.4616


 70.2080, 0.3513,
0.3972


 5.1289, 0.3913,
0.4905

 92.6830, 0.3481,
0.3910

 2.3231, 0.4294,
0.5686

 119.5054, 0.3454,
0.3859

 0.7859, 0.3840,
0.6160

 151.0596, 0.3430,
0.3815

 0.0000, 0.0000,
0.0000

187.7301, 0.3410,

0.3778

229.9013, 0.3392,
0.3745

■ 25.0240, 0.3653,
0.4256

■ 25.0240, 0.3653,
0.4256

■ 24.7374, 0.3772,
0.4484

■ 25.3583, 0.3524,
0.4014

■ 24.4925, 0.3875,
0.4688

■ 25.7394, 0.3390,
0.3766

■ 24.2875, 0.3958,
0.4861


■ 26.1707, 0.3255,
0.3521


■ 24.1190, 0.4018,
0.4994

■ 26.6543, 0.3123,
0.3283

■ 23.9831, 0.4053,
0.5087


■ 27.1923, 0.2997,
0.3058


 23.8695, 0.4070,
0.5148

 27.7865, 0.2878,
0.2847

 23.8663, 0.4071,
0.5150

 28.4387, 0.2767,
0.2652

 29.1506, 0.2664,
0.2474

 29.9239, 0.2570,
0.2312

Harmonies

Analogous

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



25.0240, 0.4051, 0.4044



25.0240, 0.3653, 0.4256



25.0240, 0.3134, 0.4173

Triad

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



25.0240, 0.3653, 0.4256



25.0240, 0.2160, 0.2771



25.0240, 0.3594, 0.2861

Complementary

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



25.0240, 0.3653, 0.4256



10.5483, 0.2470, 0.2138

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.



25.0240, 0.3046, 0.2576



25.0240, 0.3653, 0.4256



25.0240, 0.2255, 0.2503

Square

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



25.0240, 0.3653, 0.4256



25.0240, 0.2291, 0.3232



25.0240, 0.2565, 0.2445



25.0240, 0.4032, 0.3247

Rectangle

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



25.0240, 0.3653, 0.4256



25.0240, 0.2792, 0.3935



25.0240, 0.2565, 0.2445



25.0240, 0.3414, 0.2752

Sweetspot

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



25.0251, 0.3653, 0.4256



46.6550, 0.3289, 0.3583



13.4220, 0.4051, 0.3361



10.4012, 0.3304, 0.3610



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.0251, 0.3653, 0.4256



44.3266, 0.3764, 0.4469



22.9776, 0.3329, 0.4369



6.2659, 0.3248, 0.3508



21.7611, 0.4071, 0.5150



0.2119, 0.4136, 0.5098

Inverse Universe

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



10.5483, 0.2470, 0.2138



14.5279, 0.2284, 0.1823



12.1864, 0.2829, 0.2245



5.2724, 0.3000, 0.3064



1.8163, 0.1532, 0.0618



0.0203, 0.1682, 0.0700

Previews

White Background



This preview shows how the Yxy color 25.0240, 0.3653, 0.4256 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 25.0240, 0.3653, 0.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

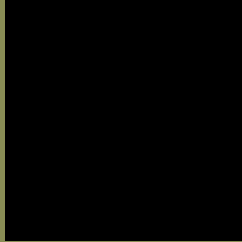
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0240, 0.3653, 0.4256

Background



This preview shows how black text looks on a background with the Yxy color 25.0240, 0.3653, 0.4256.



This preview shows how white text looks on a background with the Yxy color 25.0240, 0.3653, 0.4256.

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

25.0240, 0.3653, 0.4256

Protanopia

24.9999, 0.3855, 0.4175

Deuteranopia

24.9201, 0.4040, 0.3970



Tritanopia

24.9931, 0.3135, 0.3126

Trichromacy



Original Color

25.0240, 0.3653, 0.4256

Protanomaly

24.8368, 0.3778, 0.4195

Deuteranomaly

24.9684, 0.3899, 0.4080

Tritanomaly

24.9841, 0.3319, 0.3528

Monochromacy



Original Color

25.0240, 0.3653, 0.4256

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9376, 0.3315, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0240, 0.3653, 0.4256 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(137, 141, 85)` looks like.

```
.text, #text, p{  
    color:rgb(137, 141, 85)  
}
```

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(137, 141, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 141, 85) }
```

Border

The CSS property to change the border of an element to Yxy 25.0240, 0.3653, 0.4256 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(137, 141, 85) }
```

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

```
.border{ border-color:rgb(137, 141, 85) }
```

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

Here you see how a box with a 4 pixel rgb(137, 141, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 141, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 141, 85);  
box-shadow:4px 4px 4px 4px rgb(137, 141,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0240, 0.3653, 0.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 141, 85) }
```

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

```
.background{ background-color: rgb(137,  
141, 85) }
```

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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