

Converting Colors

$Y_{xy}(25.8665, 0.3243, 0.3587)$

Have a look what the booklet for
Yxy(25.8665, 0.3243, 0.3587)
contains.

Yxy(25.7392, 0.3245, 0.3582)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.7392, 0.3245, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	888D7C
RGB	136, 141, 124
RGB Percent	53%, 55%, 49%
CMY	0.4666, 0.4471, 0.5138
CMYK	0.04, 0.00, 0.12, 0.45
HSL	78°, 7%, 52%
HSV	78°, 12%, 55%
XYZ	23.3176, 25.7392, 22.8002
YIQ	137.5670, 2.4770, -6.3470

Conversions

Conversions Part 2

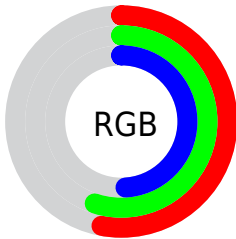
Format	Color
RYB	124, 141, 129
Decimal	8949116
CIELab	57.79, -5.05, 8.46
CIElCh	58, 9.849, 120.840
Yxy	25.7392, 0.3245, 0.3582
Android (android.graphics.Color)	4287139196 (0xFF888D7C)
YUV	137.5670, -6.6885, -1.3743
Hunter-Lab	50.7338, -6.7443, 8.8682

Details

The Yxy color $25.7392, 0.3245, 0.3582$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $20.9965, 0.3000, 0.2991$, and the grayscale version is $25.2685, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0234, 0.3213, 0.3518$, and $9.9686, 0.3286, 0.3701$ is the 20% darker color. If you saturate the color by 10%, you get $25.0700, 0.3343, 0.3839$, and if you desaturate by 10%, it is $26.4749, 0.3147, 0.3339$.

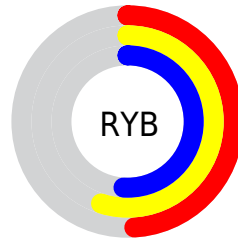
Distribution



Red (53%)

Green (55%)

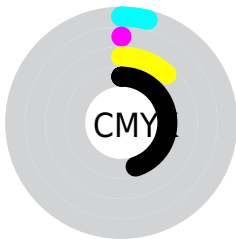
Blue (49%)



Red (49%)

Yellow (55%)

Blue (51%)

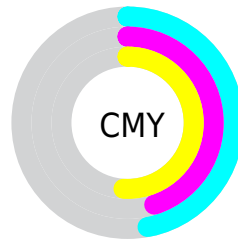


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (45%)



Cyan (47%)

Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7392, 0.3245, 0.3582 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 25.7392, 0.3245, 0.3582 by changing the saturation by 10% instead.


 25.7392, 0.3245,
0.3582


 25.7392, 0.3245,
0.3582


281.4995, 0.3181,
0.3420


 16.6286, 0.3263,
0.3629

 52.8539, 0.3221,
0.3519

 9.9701, 0.3287,
0.3694


 71.6268, 0.3212,
0.3496

 5.3791, 0.3321,
0.3790

 94.3894, 0.3204,
0.3478

 2.4714, 0.3373,
0.3945

121.5259, 0.3198,
0.3462

 0.8623, 0.3653,
0.4523

153.4207, 0.3193,
0.3449

 0.0000, 0.0000,
0.0000

190.4583, 0.3189,

0.3438

233.0231, 0.3185,
0.3428

■ 25.7392, 0.3245,
0.3582

■ 25.7392, 0.3245,
0.3582

■ 25.0700, 0.3343,
0.3839

■ 26.4749, 0.3147,
0.3339

■ 24.4618, 0.3438,
0.4104

■ 27.2760, 0.3052,
0.3111

■ 23.9130, 0.3526,
0.4369

■ 28.1455, 0.2961,
0.2902

■ 23.4212, 0.3603,
0.4627

■ 29.0856, 0.2875,
0.2711

■ 22.9833, 0.3663,
0.4866

■ 30.0980, 0.2794,
0.2537

■ 22.5963, 0.3703,
0.5074

■ 31.1846, 0.2720,
0.2380

■ 22.2565, 0.3719,
0.5244

■ 32.3471, 0.2651,
0.2239

■ 21.9597, 0.3712,
0.5369

■ 33.5872, 0.2588,
0.2112

■ 21.7455, 0.3696,
0.5447

■ 34.9064, 0.2530,
0.1999

Harmonies

Analogous

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



25.7392, 0.3385, 0.3566



25.7392, 0.3245, 0.3582



25.7392, 0.3076, 0.3514

Triad

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



25.7392, 0.3245, 0.3582



25.7392, 0.2809, 0.3093



25.7392, 0.3331, 0.3198

Complementary

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



25.7392, 0.3245, 0.3582



20.9965, 0.3000, 0.2991

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.



25.7392, 0.3172, 0.3080



25.7392, 0.3245, 0.3582



25.7392, 0.2872, 0.3018

Square

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



25.7392, 0.3245, 0.3582



25.7392, 0.2828, 0.3225



25.7392, 0.3004, 0.3015



25.7392, 0.3436, 0.3342

Rectangle

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



25.7392, 0.3245, 0.3582



25.7392, 0.2971, 0.3431



25.7392, 0.3004, 0.3015



25.7392, 0.3282, 0.3155

Sweetspot

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



25.7403, 0.3245, 0.3582



47.1383, 0.3167, 0.3386



22.7654, 0.3326, 0.3373



10.5079, 0.3173, 0.3403



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.



25.7403, 0.3245, 0.3582



45.8198, 0.3267, 0.3638



25.0676, 0.3153, 0.3590



6.2073, 0.3217, 0.3510



19.8363, 0.3698, 0.5446



0.2010, 0.3941, 0.5253

Inverse Universe

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



20.9965, 0.3000, 0.2991



35.9059, 0.2974, 0.2932



21.6775, 0.3097, 0.3000



5.3267, 0.3032, 0.3066



2.1952, 0.1715, 0.0718



0.0312, 0.2164, 0.0966

Previews

White Background



This preview shows how the Yxy color 25.7392, 0.3245, 0.3582 looks on a white background.

Color Contrast Check

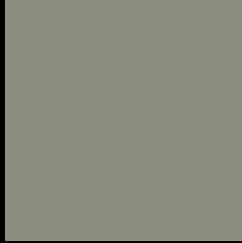
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7392, 0.3245, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

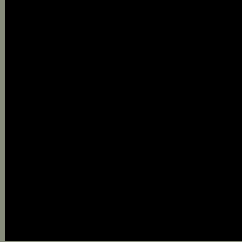
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

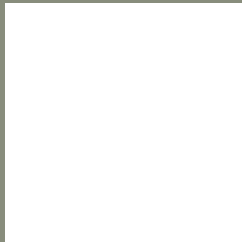
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.7392, 0.3245, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 25.7392, 0.3245, 0.3582.



This preview shows how white text looks on a background with the Yxy color 25.7392, 0.3245, 0.3582.

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

25.7392, 0.3245, 0.3582

Protanopia

25.6268, 0.3363, 0.3541

Deuteranopia

25.6990, 0.3493, 0.3435



Tritanopia

25.6049, 0.3049, 0.3109

Trichromacy



Original Color

25.7392, 0.3245, 0.3582

Protanomaly

25.6461, 0.3327, 0.3560

Deuteranomaly

25.7616, 0.3391, 0.3488

Tritanomaly

25.5300, 0.3128, 0.3273

Monochromacy



Original Color

25.7392, 0.3245, 0.3582

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4771, 0.3166, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7392, 0.3245, 0.3582 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(136, 141, 124)` looks like.

```
.text, #text, p{  
    color:rgb(136, 141, 124)  
}
```

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(136, 141, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 141, 124) }
```

Border

The CSS property to change the border of an element to Yxy 25.7392, 0.3245, 0.3582 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(136, 141, 124) }
```

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

```
.border{ border-color:rgb(136, 141, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 141, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 141, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 141, 124);  
box-shadow:4px 4px 4px 4px rgb(136, 141,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7392, 0.3245, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 141, 124) }
```

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

```
.background{ background-color: rgb(136,  
141, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor