

Converting Colors

$Y_{xy}(25.4019, 0.3376, 0.3702)$

Have a look what the booklet for
Yxy(25.4019, 0.3376, 0.3702)
contains.

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Color

Yxy(25.5694, 0.3386, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	8C8C73
RGB	140, 140, 115
RGB Percent	55%, 55%, 45%
CMY	0.4508, 0.4510, 0.5490
CMYK	0.00, 0.00, 0.18, 0.45
HSL	60°, 10%, 50%
HSV	60°, 18%, 55%
XYZ	23.2924, 25.5694, 19.9286
YIQ	137.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

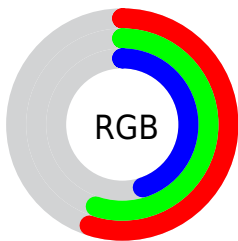
Format	Color
R_{YB}	115, 140, 115
Decimal	9210995
CIE _{Lab}	57.63, -4.46, 13.39
CIE _{LCh}	58, 14.111, 108.429
Yxy	25.5694, 0.3386, 0.3717
Android (android.graphics.Color)	4287401075 (0xFF8C8C73)
YUV	137.1500, -10.9200, 2.4994
Hunter-Lab	50.5662, -6.2679, 12.0296

Details

The Yxy color **25.5694, 0.3386, 0.3717** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8122, 0.2845, 0.2824**, and the grayscale version is **25.1181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3993, 0.3335, 0.3618**, and **9.8912, 0.3481, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **25.2651, 0.3533, 0.3959**, and if you desaturate by 10%, it is **25.9249, 0.3240, 0.3476**.

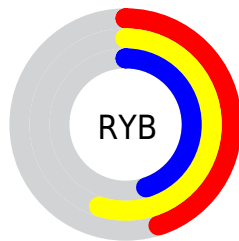
Distribution



Red (55%)

Green (55%)

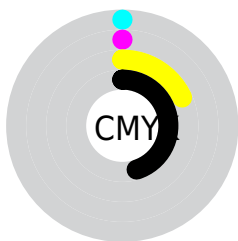
Blue (45%)



Red (45%)

Yellow (55%)

Blue (45%)

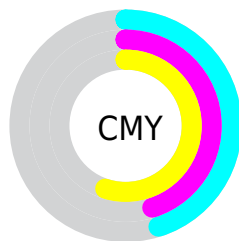


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5694, 0.3386, 0.3717 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 25.5694, 0.3386, 0.3717 by changing the saturation by 10% instead.


 25.5694, 0.3386,
0.3717


 25.5694, 0.3386,
0.3717


280.6618, 0.3245,
0.3480


 16.5018, 0.3425,
0.3785


 52.5795, 0.3332,
0.3624

 9.8799, 0.3478,
0.3880


 71.2907, 0.3313,
0.3592

 5.3194, 0.3553,
0.4017

 93.9853, 0.3296,
0.3565

 2.4359, 0.3666,
0.4236

121.0476, 0.3283,
0.3542

 0.8443, 0.4510,
0.5490

152.8620, 0.3271,
0.3523

 0.0000, 0.0000,
0.0000

189.8129, 0.3261,

0.3507

232.2847, 0.3253,
0.3492

■ 25.5694, 0.3386,
0.3717

■ 25.5694, 0.3386,
0.3717

■ 25.2651, 0.3533,
0.3959

■ 25.9249, 0.3240,
0.3476

■ 25.0065, 0.3676,
0.4195

■ 26.3303, 0.3097,
0.3241

■ 24.7923, 0.3810,
0.4416

■ 26.7888, 0.2962,
0.3018

■ 24.6199, 0.3929,
0.4613

■ 27.3020, 0.2835,
0.2808

■ 24.4865, 0.4029,
0.4777

■ 27.8718, 0.2718,
0.2614

■ 24.3889, 0.4106,
0.4903

■ 28.4999, 0.2610,
0.2436

■ 24.3234, 0.4159,
0.4989

■ 29.1879, 0.2512,
0.2274

■ 24.2825, 0.4190,
0.5040

■ 29.9373, 0.2423,
0.2128

■ 24.2744, 0.4196,
0.5050

■ 30.7496, 0.2343,
0.1995

Harmonies

Analogous

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



25.5694, 0.3554, 0.3641



25.5694, 0.3386, 0.3717



25.5694, 0.3153, 0.3671

Triad

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



25.5694, 0.3386, 0.3717



25.5694, 0.2671, 0.3075



25.5694, 0.3330, 0.3083

Complementary

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



25.5694, 0.3386, 0.3717



17.8122, 0.2845, 0.2824

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.



25.5694, 0.3087, 0.2944



25.5694, 0.3386, 0.3717



25.5694, 0.2713, 0.2933

Square

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



25.5694, 0.3386, 0.3717



25.5694, 0.2745, 0.3286



25.5694, 0.2863, 0.2888



25.5694, 0.3523, 0.3274

Rectangle

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



25.5694, 0.3386, 0.3717



25.5694, 0.2993, 0.3574



25.5694, 0.2863, 0.2888



25.5694, 0.3251, 0.3029

Sweetspot

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



25.5705, 0.3386, 0.3717



45.8700, 0.3200, 0.3410



19.0888, 0.3453, 0.3284



10.5597, 0.3209, 0.3424



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.



25.5705, 0.3386, 0.3717



44.8552, 0.3439, 0.3804



24.5890, 0.3248, 0.3737



5.8435, 0.3258, 0.3506



21.5572, 0.4196, 0.5050



0.1434, 0.4195, 0.5051

Inverse Universe

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



17.8122, 0.2845, 0.2824



28.8541, 0.2781, 0.2719



18.6771, 0.2988, 0.2842



4.8936, 0.2991, 0.3065



1.6874, 0.1501, 0.0602



0.0114, 0.1503, 0.0609

Previews

White Background



This preview shows how the Yxy color 25.5694, 0.3386, 0.3717 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 25.5694, 0.3386, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

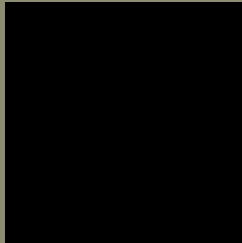
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5694, 0.3386, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 25.5694, 0.3386, 0.3717.



This preview shows how white text looks on a background with the Yxy color 25.5694, 0.3386, 0.3717.

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

25.5694, 0.3386, 0.3717

Protanopia

25.5029, 0.3472, 0.3693

Deuteranopia

25.4069, 0.3623, 0.3563



Tritanopia

25.6129, 0.3113, 0.3127

Trichromacy



Original Color

25.5694, 0.3386, 0.3717

Protanomaly

25.6094, 0.3446, 0.3712

Deuteranomaly

25.5447, 0.3528, 0.3619

Tritanomaly

25.4802, 0.3215, 0.3323

Monochromacy



Original Color

25.5694, 0.3386, 0.3717

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1652, 0.3220, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5694, 0.3386, 0.3717 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(140, 140, 115)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 115)  
}
```

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(140, 140, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 115) }
```

Border

The CSS property to change the border of an element to Yxy 25.5694, 0.3386, 0.3717 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(140, 140, 115) }
```

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

```
.border{ border-color:rgb(140, 140, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 140, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 140, 115);  
box-shadow:4px 4px 4px 4px rgb(140, 140,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5694, 0.3386, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 115) }
```

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

```
.background{ background-color: rgb(140,  
140, 115) }
```

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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