

Converting Colors

$Y_{xy}(25.4590, 0.3599, 0.3555)$

Have a look what the booklet for
Yxy(25.4590, 0.3599, 0.3555)
contains.

Yxy(25.3285, 0.3600, 0.3548)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3285, 0.3600, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	9E8575
RGB	158, 133, 117
RGB Percent	62%, 52%, 46%
CMY	0.3804, 0.4784, 0.5412
CMYK	0.00, 0.16, 0.26, 0.38
HSL	23°, 17%, 54%
HSV	23°, 26%, 62%
XYZ	25.6997, 25.3285, 20.3599
YIQ	138.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

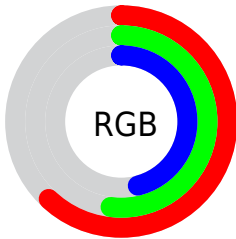
Format	Color
R_{YB}	158, 143, 117
Decimal	10388853
CIE _{Lab}	57.39, 6.97, 12.17
CIE _{LCh}	57, 14.027, 60.220
Yxy	25.3285, 0.3600, 0.3548
Android (android.graphics.Color)	4288578933 (0xFF9E8575)
YUV	138.6510, -10.6739, 16.9691
Hunter-Lab	50.3274, 3.0781, 11.2435

Details

The Yxy color $25.3285, 0.3600, 0.3548$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.5948, 0.2732, 0.3017$, and the grayscale version is $25.7142, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1285, 0.3497, 0.3495$, and $9.8345, 0.3771, 0.3640$ is the 20% darker color. If you saturate the color by 10%, you get $22.4710, 0.3835, 0.3653$, and if you desaturate by 10%, it is $28.4930, 0.3396, 0.3445$.

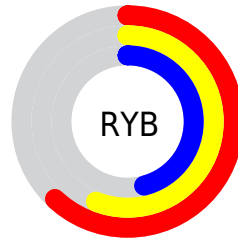
Distribution



Red (62%)

Green (52%)

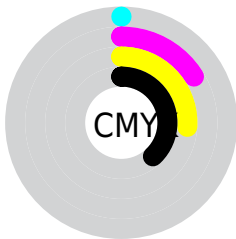
Blue (46%)



Red (62%)

Yellow (56%)

Blue (46%)

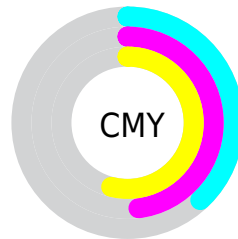


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (38%)



Cyan (38%)


Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3285, 0.3600, 0.3548 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 25.3285, 0.3600, 0.3548 by changing the saturation by 10% instead.


 25.3285, 0.3600,
0.3548


 25.3285, 0.3600,
0.3548


279.4700, 0.3338,
0.3410


 16.3220, 0.3675,
0.3585


 52.1896, 0.3498,
0.3496

 9.7523, 0.3779,
0.3635


 70.8130, 0.3462,
0.3477

 5.2350, 0.3929,
0.3704


 93.4109, 0.3432,
0.3461

 2.3858, 0.4166,
0.3804

120.3675, 0.3407,
0.3447

 0.8186, 0.5259,
0.4519

152.0673, 0.3386,
0.3436

 0.0000, 0.0000,
0.0000

188.8947, 0.3368,

0.3426

231.2342, 0.3352,
0.3418

■ 25.3285, 0.3600,
0.3548

■ 25.3285, 0.3600,
0.3548

■ 22.4710, 0.3835,
0.3653

■ 28.4930, 0.3396,
0.3445

■ 19.9073, 0.4101,
0.3754

■ 31.9702, 0.3220,
0.3346

■ 17.6285, 0.4396,
0.3845

■ 35.7699, 0.3069,
0.3253

■ 15.6238, 0.4711,
0.3914

■ 39.9006, 0.2939,
0.3168

■ 13.8814, 0.5032,
0.3949

■ 44.3702, 0.2828,
0.3089

■ 12.3888, 0.5336,
0.3940

■ 49.1867, 0.2732,
0.3017

■ 11.1307, 0.5601,
0.3881

■ 54.3573, 0.2650,
0.2951

■ 10.6809, 0.5703,
0.3854

■ 59.8896, 0.2578,
0.2891

■ 65.5171, 0.2536,
0.2881

Harmonies

Analogous

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



25.3285, 0.3570, 0.3355



25.3285, 0.3600, 0.3548



25.3285, 0.3499, 0.3683

Triad

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



25.3285, 0.3600, 0.3548



25.3285, 0.2841, 0.3425



25.3285, 0.2945, 0.2900

Complementary

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



25.3285, 0.3600, 0.3548



25.5948, 0.2732, 0.3017

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.



25.3285, 0.2762, 0.2904



25.3285, 0.3600, 0.3548



25.3285, 0.2704, 0.3198

Square

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



25.3285, 0.3600, 0.3548



25.3285, 0.3057, 0.3618



25.3285, 0.2675, 0.3009



25.3285, 0.3184, 0.2991

Rectangle

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



25.3285, 0.3600, 0.3548



25.3285, 0.3373, 0.3717



25.3285, 0.2675, 0.3009



25.3285, 0.2875, 0.2890

Sweetspot

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



25.3297, 0.3600, 0.3548



56.6147, 0.3256, 0.3367



21.9514, 0.3341, 0.2891



12.5543, 0.3281, 0.3381



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.3297, 0.3600, 0.3548



42.9959, 0.3729, 0.3607



31.4100, 0.3525, 0.3853



7.0497, 0.3275, 0.3378



8.6255, 0.5689, 0.3865



0.2338, 0.5018, 0.4397

Inverse Universe

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



25.5948, 0.2732, 0.3017



43.5535, 0.2646, 0.2948



20.1136, 0.2700, 0.2657



7.0743, 0.2988, 0.3201



8.8024, 0.1885, 0.1986



0.2378, 0.2046, 0.2567

Previews

White Background



This preview shows how the Yxy color 25.3285, 0.3600, 0.3548 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 25.3285, 0.3600, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

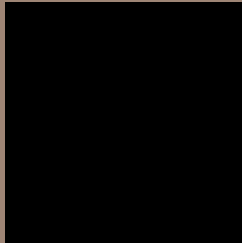
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3285, 0.3600, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 25.3285, 0.3600, 0.3548.



This preview shows how white text looks on a background with the Yxy color 25.3285, 0.3600, 0.3548.

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

25.3285, 0.3600, 0.3548

Protanopia

25.5286, 0.3406, 0.3609

Deuteranopia

25.4303, 0.3612, 0.3547



Tritanopia

25.4358, 0.3379, 0.3135

Trichromacy



Original Color

25.3285, 0.3600, 0.3548

Protanomaly

25.4004, 0.3482, 0.3588

Deuteranomaly

25.4303, 0.3612, 0.3547

Tritanomaly

25.3721, 0.3457, 0.3275

Monochromacy



Original Color

25.3285, 0.3600, 0.3548

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6410, 0.3291, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3285, 0.3600, 0.3548 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(158, 133, 117)` looks like.

```
.text, #text, p{  
    color:rgb(158, 133, 117)  
}
```

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(158, 133, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 133, 117) }
```

Border

The CSS property to change the border of an element to Yxy 25.3285, 0.3600, 0.3548 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(158, 133, 117) }
```

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

```
.border{ border-color:rgb(158, 133, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 133, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 133, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 133, 117);  
box-shadow:4px 4px 4px 4px rgb(158, 133,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3285, 0.3600, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 133, 117) }
```

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

```
.background{ background-color: rgb(158,  
133, 117) }
```

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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