

Converting Colors

$Y_{xy}(25.5940, 0.3305, 0.3335)$

Have a look what the booklet for
Yxy(25.5940, 0.3305, 0.3335)
contains.

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Color

Yxy(25.6913, 0.3306, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	958885
RGB	149, 136, 133
RGB Percent	58%, 53%, 52%
CMY	0.4156, 0.4667, 0.4784
CMYK	0.00, 0.09, 0.11, 0.42
HSL	11°, 7%, 55%
HSV	11°, 11%, 58%
XYZ	25.4374, 25.6913, 25.8144
YIQ	139.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

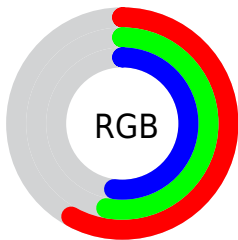
Format	Color
R_{YB}	149, 137, 133
Decimal	9799813
CIE _{Lab}	57.74, 4.36, 3.36
CIE _{LCh}	58, 5.503, 37.614
Yxy	25.6913, 0.3306, 0.3339
Android (android.graphics.Color)	4287989893 (0xFF958885)
YUV	139.5450, -3.2267, 8.2920
Hunter-Lab	50.6866, 0.8798, 5.2845

Details

The Yxy color **25.6913, 0.3306, 0.3339** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7346, 0.2967, 0.3240**, and the grayscale version is **26.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6369, 0.3267, 0.3327**, and **9.8923, 0.3363, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **22.0825, 0.3508, 0.3388**, and if you desaturate by 10%, it is **29.7479, 0.3138, 0.3293**.

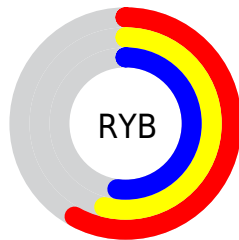
Distribution



Red (58%)

Green (53%)

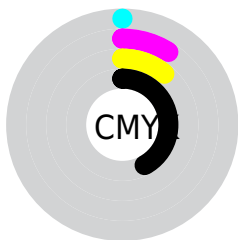
Blue (52%)



Red (58%)

Yellow (54%)

Blue (52%)

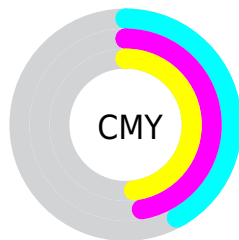


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (42%)



Cyan (42%)


Magenta (47%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6913, 0.3306, 0.3339 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 25.6913, 0.3306, 0.3339 by changing the saturation by 10% instead.


 25.6913, 0.3306,
0.3339


 25.6913, 0.3306,
0.3339


281.2634, 0.3207,
0.3313

 16.5928, 0.3334,
0.3346


 52.7765, 0.3268,
0.3329

 9.9446, 0.3373,
0.3356


 71.5321, 0.3254,
0.3325

 5.3623, 0.3430,
0.3370

 94.2754, 0.3243,
0.3322

 2.4613, 0.3521,
0.3390

121.3910, 0.3233,
0.3320

 0.8572, 0.3725,
0.3457

153.2632, 0.3225,
0.3318

 0.0000, 0.0000,
0.0000

190.2764, 0.3219,

0.3316

232.8150, 0.3213,
0.3314

■ 25.6913, 0.3306,
0.3339

■ 25.6913, 0.3306,
0.3339

■ 22.0825, 0.3508,
0.3388

■ 29.7479, 0.3138,
0.3293

■ 18.9028, 0.3751,
0.3438

■ 34.2634, 0.3000,
0.3251

■ 16.1372, 0.4041,
0.3488

■ 39.2528, 0.2884,
0.3213

■ 13.7684, 0.4379,
0.3534

■ 44.7295, 0.2787,
0.3178

■ 11.7780, 0.4761,
0.3568

■ 50.7061, 0.2706,
0.3146

■ 10.1462, 0.5169,
0.3584

■ 57.1951, 0.2637,
0.3117

■ 8.8512, 0.5571,
0.3572

■ 64.2083, 0.2579,
0.3091

■ 7.8687, 0.5919,
0.3528

■ 71.7570, 0.2529,
0.3067

■ 7.2079, 0.6178,
0.3477

■ 79.0453, 0.2539,
0.3178

Harmonies

Analogous

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



25.6913, 0.3258, 0.3257



25.6913, 0.3306, 0.3339



25.6913, 0.3306, 0.3410

Triad

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



25.6913, 0.3306, 0.3339



25.6913, 0.3079, 0.3400



25.6913, 0.2998, 0.3133

Complementary

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



25.6913, 0.3306, 0.3339



27.7346, 0.2967, 0.3240

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.



25.6913, 0.2952, 0.3168



25.6913, 0.3306, 0.3339



25.6913, 0.2998, 0.3322

Square

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



25.6913, 0.3306, 0.3339



25.6913, 0.3173, 0.3447



25.6913, 0.2952, 0.3237



25.6913, 0.3079, 0.3139

Rectangle

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



25.6913, 0.3306, 0.3339



25.6913, 0.3278, 0.3441



25.6913, 0.2952, 0.3237



25.6913, 0.2978, 0.3140

Sweetspot

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



25.6924, 0.3306, 0.3339



51.4966, 0.3174, 0.3304



25.2507, 0.3170, 0.3080



11.2866, 0.3187, 0.3307



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.6924, 0.3306, 0.3339



44.2892, 0.3353, 0.3351



28.0212, 0.3291, 0.3467



5.9794, 0.3278, 0.3332



6.0977, 0.6168, 0.3485



0.1069, 0.5531, 0.3990

Inverse Universe

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



27.7346, 0.2967, 0.3240



48.7249, 0.2929, 0.3228



25.3613, 0.2965, 0.3107



6.3810, 0.2990, 0.3248



13.4428, 0.2083, 0.2700



0.2027, 0.2170, 0.3011

Previews

White Background



This preview shows how the Yxy color 25.6913, 0.3306, 0.3339 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 25.6913, 0.3306, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

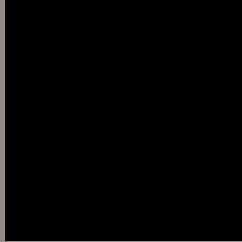
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6913, 0.3306, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 25.6913, 0.3306, 0.3339.



This preview shows how white text looks on a background with the Yxy color 25.6913, 0.3306, 0.3339.

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

25.6913, 0.3306, 0.3339

Protanopia

25.6490, 0.3213, 0.3357

Deuteranopia

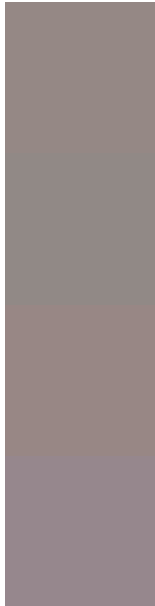
25.6137, 0.3368, 0.3307



Tritanopia

25.6738, 0.3203, 0.3115

Trichromacy



Original Color

25.6913, 0.3306, 0.3339

Protanomaly

25.6323, 0.3248, 0.3340

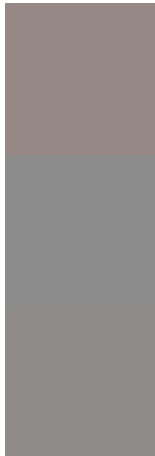
Deuteranomaly

25.6968, 0.3342, 0.3323

Tritanomaly

25.7351, 0.3233, 0.3194

Monochromacy



Original Color

25.6913, 0.3306, 0.3339

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1110, 0.3191, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6913, 0.3306, 0.3339 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(149, 136, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 136, 133)  
}
```

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(149, 136, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 136, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.6913, 0.3306, 0.3339 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(149, 136, 133) }
```

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

```
.border{ border-color:rgb(149, 136, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 136, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 136, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 136, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 136,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6913, 0.3306, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 136, 133) }
```

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

```
.background{ background-color: rgb(149,  
136, 133) }
```

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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