

Converting Colors

$Y_{xy}(25.4892, 0.3338, 0.3406)$

Have a look what the booklet for
Yxy(25.4892, 0.3338, 0.3406)
contains.

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Color

Yxy(25.4892, 0.3338, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	948881
RGB	148, 136, 129
RGB Percent	58%, 53%, 51%
CMY	0.4196, 0.4667, 0.4942
CMYK	0.00, 0.08, 0.13, 0.42
HSL	22°, 8%, 54%
HSV	22°, 13%, 58%
XYZ	24.9803, 25.4892, 24.3667
YIQ	138.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

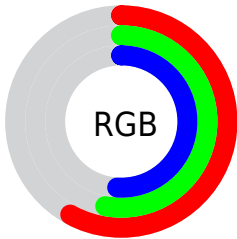
Format	Color
R_{YB}	148, 140, 129
Decimal	9734273
CIE _{Lab}	57.55, 3.25, 5.38
CIE _{LCh}	58, 6.290, 58.853
Yxy	25.4892, 0.3338, 0.3406
Android (android.graphics.Color)	4287924353 (0xFF948881)
YUV	138.7900, -4.8265, 8.0772
Hunter-Lab	50.4868, -0.0322, 6.7254

Details

The Yxy color $25.4892, 0.3338, 0.3406$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.8538, 0.2934, 0.3171$, and the grayscale version is $25.7507, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3291, 0.3290, 0.3376$, and $9.7762, 0.3412, 0.3437$ is the 20% darker color. If you saturate the color by 10%, you get $22.6064, 0.3533, 0.3502$, and if you desaturate by 10%, it is $28.6608, 0.3170, 0.3315$.

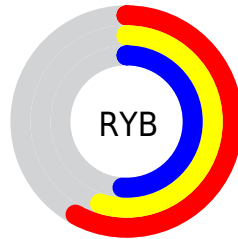
Distribution



Red (58%)

Green (53%)

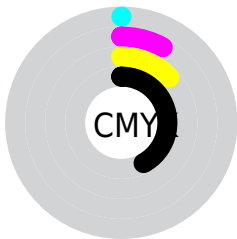
Blue (51%)



Red (58%)

Yellow (55%)

Blue (51%)

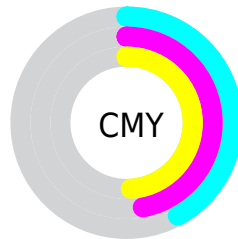


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (42%)



Cyan (42%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4892, 0.3338, 0.3406 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 25.4892, 0.3338, 0.3406 by changing the saturation by 10% instead.


 25.4892, 0.3338,
0.3406


 25.4892, 0.3338,
0.3406


280.2655, 0.3222,
0.3343


 16.4419, 0.3371,
0.3424

 52.4497, 0.3293,
0.3382

 9.8374, 0.3417,
0.3448

 71.1318, 0.3277,
0.3373

 5.2913, 0.3485,
0.3482

 93.7942, 0.3263,
0.3366

 2.4192, 0.3593,
0.3536

120.8213, 0.3252,
0.3360

 0.8357, 0.3896,
0.3725

152.5977, 0.3243,
0.3355

 0.0000, 0.0000,
0.0000

189.5075, 0.3235,

0.3350

231.9353, 0.3228,
0.3346

■ 25.4892, 0.3338,
0.3406

■ 25.4892, 0.3338,
0.3406

■ 22.6064, 0.3533,
0.3502

■ 28.6608, 0.3170,
0.3315

■ 20.0008, 0.3760,
0.3601

■ 32.1256, 0.3027,
0.3230

■ 17.6647, 0.4019,
0.3698

■ 35.8925, 0.2904,
0.3152

■ 15.5891, 0.4310,
0.3787

■ 39.9688, 0.2799,
0.3080

■ 13.7641, 0.4627,
0.3860

■ 44.3614, 0.2709,
0.3014

■ 12.1793, 0.4956,
0.3903

■ 49.0772, 0.2631,
0.2954

■ 10.8235, 0.5278,
0.3907

■ 54.1228, 0.2563,
0.2899

■ 9.6841, 0.5565,
0.3862

■ 59.5045, 0.2504,
0.2849

■ 8.9889, 0.5753,
0.3814

■ 64.7564, 0.2486,
0.2881

Harmonies

Analogous

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



25.4892, 0.3321, 0.3319



25.4892, 0.3338, 0.3406



25.4892, 0.3297, 0.3465

Triad

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



25.4892, 0.3338, 0.3406



25.4892, 0.3003, 0.3355



25.4892, 0.3042, 0.3110

Complementary

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



25.4892, 0.3338, 0.3406



25.8538, 0.2934, 0.3171

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.



25.4892, 0.2959, 0.3117



25.4892, 0.3338, 0.3406



25.4892, 0.2937, 0.3257

Square

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



25.4892, 0.3338, 0.3406



25.4892, 0.3103, 0.3436



25.4892, 0.2921, 0.3170



25.4892, 0.3149, 0.3150

Rectangle

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



25.4892, 0.3338, 0.3406



25.4892, 0.3243, 0.3478



25.4892, 0.2921, 0.3170



25.4892, 0.3010, 0.3107

Sweetspot

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



25.4903, 0.3338, 0.3406



49.8480, 0.3190, 0.3326



23.9180, 0.3217, 0.3094



11.2868, 0.3201, 0.3332



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.



25.4903, 0.3338, 0.3406



43.6780, 0.3383, 0.3429



28.2786, 0.3318, 0.3558



6.1447, 0.3274, 0.3372



7.7251, 0.5742, 0.3822



0.1475, 0.5022, 0.4395

Inverse Universe

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



25.8538, 0.2934, 0.3171



44.4281, 0.2897, 0.3147



23.1778, 0.2930, 0.3007



6.2063, 0.2989, 0.3207



8.6318, 0.1907, 0.2066



0.1621, 0.2077, 0.2678

Previews

White Background



This preview shows how the Yxy color 25.4892, 0.3338, 0.3406 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 25.4892, 0.3338, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

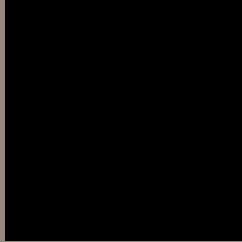
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4892, 0.3338, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 25.4892, 0.3338, 0.3406.



This preview shows how white text looks on a background with the Yxy color 25.4892, 0.3338, 0.3406.

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

25.4892, 0.3338, 0.3406

Protanopia

25.6283, 0.3266, 0.3424

Deuteranopia

25.3286, 0.3427, 0.3355



Tritanopia

25.5478, 0.3202, 0.3130

Trichromacy



Original Color

25.4892, 0.3338, 0.3406

Protanomaly

25.5228, 0.3290, 0.3407

Deuteranomaly

25.3106, 0.3389, 0.3372

Tritanomaly

25.5816, 0.3243, 0.3226

Monochromacy



Original Color

25.4892, 0.3338, 0.3406

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6770, 0.3202, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4892, 0.3338, 0.3406 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(148, 136, 129)` looks like.

```
.text, #text, p{  
    color:rgb(148, 136, 129)  
}
```

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(148, 136, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 136, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.4892, 0.3338, 0.3406 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(148, 136, 129) }
```

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

```
.border{ border-color:rgb(148, 136, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 136, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 136, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 136, 129); box-shadow:4px 4px 4px 4px rgb(148, 136, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4892, 0.3338, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 136, 129) }
```

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

```
.background{ background-color: rgb(148,  
136, 129) }
```

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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