

Converting Colors

$Y_{xy}(25.6310, 0.2957, 0.3341)$

Have a look what the booklet for
Yxy(25.6310, 0.2957, 0.3341)
contains.

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Color

Yxy(25.7493, 0.2949, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	7B8F8C
RGB	123, 143, 140
RGB Percent	48%, 56%, 55%
CMY	0.5177, 0.4392, 0.4510
CMYK	0.14, 0.00, 0.02, 0.44
HSL	171°, 8%, 52%
HSV	171°, 14%, 56%
XYZ	22.7213, 25.7493, 28.5769
YIQ	136.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

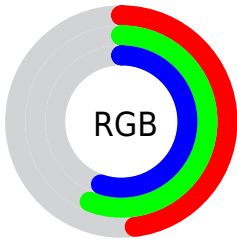
Format	Color
R_{YB}	123, 134, 143
Decimal	8097676
CIE Lab	57.80, -7.78, -0.81
CIE LCh	58, 7.824, 185.958
Yxy	25.7493, 0.2949, 0.3342
Android (android.graphics.Color)	4286287756 (0xFF7B8F8C)
YUV	136.6780, 1.6377, -11.9956
Hunter-Lab	50.7438, -8.8754, 2.1308

Details

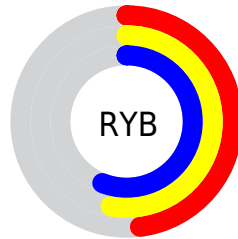
The Yxy color **25.7493, 0.2949, 0.3342** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5083, 0.3339, 0.3239**, and the grayscale version is **24.8842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0129, 0.2993, 0.3341**, and **10.0227, 0.2884, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **24.7087, 0.2830, 0.3383**, and if you desaturate by 10%, it is **26.9474, 0.3075, 0.3304**.

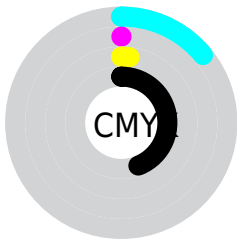
Distribution



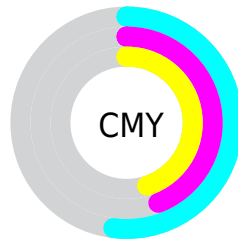
- Red (48%)
- Green (56%)
- Blue (55%)



- Red (48%)
- Yellow (53%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7493, 0.2949, 0.3342 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 25.7493, 0.2949, 0.3342 by changing the saturation by 10% instead.

■ 25.7493, 0.2949,
0.3342

■ 25.7493, 0.2949,
0.3342

281.5492, 0.3047,
0.3314

■ 16.6362, 0.2921,
0.3350

■ 52.8702, 0.2987,
0.3331

■ 9.9754, 0.2883,
0.3361

■ 71.6468, 0.3000,
0.3327

■ 5.3827, 0.2828,
0.3376

■ 94.4134, 0.3011,
0.3324

■ 2.4735, 0.2741,
0.3400

121.5543, 0.3021,
0.3321

■ 0.8633, 0.2531,
0.3466

153.4539, 0.3029,
0.3319

■ 0.0000, 0.0000,
0.0000

190.4967, 0.3036,

0.3317

233.0670, 0.3041,
0.3315

■ 25.7493, 0.2949,
0.3342

■ 25.7493, 0.2949,
0.3342

■ 24.7087, 0.2830,
0.3383

■ 26.9474, 0.3075,
0.3304

■ 23.8156, 0.2720,
0.3428

■ 28.3060, 0.3206,
0.3270

■ 23.0641, 0.2622,
0.3475

■ 29.8321, 0.3339,
0.3239

■ 22.4464, 0.2539,
0.3524

■ 31.5313, 0.3472,
0.3211

■ 21.9539, 0.2473,
0.3575

■ 33.4090, 0.3603,
0.3187

■ 21.5773, 0.2425,
0.3627

■ 35.4702, 0.3731,
0.3166

■ 21.3056, 0.2395,
0.3679

■ 37.7199, 0.3856,
0.3148

■ 21.1257, 0.2382,
0.3731

■ 40.1628, 0.3976,
0.3132

■ 21.0383, 0.2378,
0.3762

■ 42.8035, 0.4091,
0.3119

Harmonies

Analogous

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



25.7493, 0.3065, 0.3452



25.7493, 0.2949, 0.3342



25.7493, 0.2881, 0.3220

Triad

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



25.7493, 0.2949, 0.3342



25.7493, 0.3051, 0.3075



25.7493, 0.3383, 0.3454

Complementary

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



25.7493, 0.2949, 0.3342



21.5083, 0.3339, 0.3239

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.



25.7493, 0.3380, 0.3352



25.7493, 0.2949, 0.3342



25.7493, 0.3186, 0.3136

Square

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



25.7493, 0.2949, 0.3342



25.7493, 0.2939, 0.3069



25.7493, 0.3307, 0.3236



25.7493, 0.3316, 0.3516

Rectangle

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



25.7493, 0.2949, 0.3342



25.7493, 0.2871, 0.3149



25.7493, 0.3307, 0.3236



25.7493, 0.3390, 0.3423

Sweetspot

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



25.7504, 0.2949, 0.3342



48.2334, 0.3074, 0.3304



25.5374, 0.3146, 0.3644



11.0247, 0.3065, 0.3307



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.7504, 0.2949, 0.3342



45.4521, 0.2908, 0.3355



23.8955, 0.2918, 0.3173



6.1025, 0.3009, 0.3323



18.6015, 0.2378, 0.3760



0.1803, 0.2308, 0.3508

Inverse Universe

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



21.5083, 0.3339, 0.3239



36.2491, 0.3400, 0.3226



23.1444, 0.3360, 0.3405



5.4365, 0.3259, 0.3257



5.2154, 0.6144, 0.3158



0.0519, 0.5322, 0.2706

Previews

White Background



This preview shows how the Yxy color 25.7493, 0.2949, 0.3342 looks on a white background.

Color Contrast Check

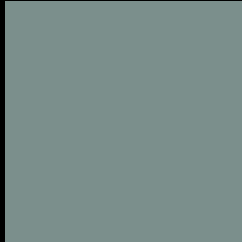
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7493, 0.2949, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

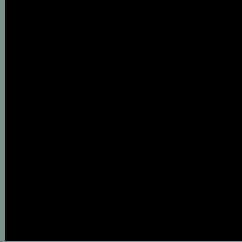
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

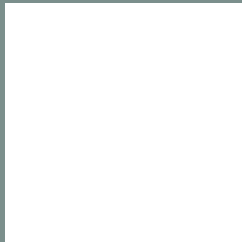
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.7493, 0.2949, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 25.7493, 0.2949, 0.3342.



This preview shows how white text looks on a background with the Yxy color 25.7493, 0.2949, 0.3342.

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

25.7493, 0.2949, 0.3342

Protanopia

25.6458, 0.3170, 0.3307

Deuteranopia

25.5825, 0.3235, 0.3162



Tritanopia

25.6767, 0.2858, 0.3103

Trichromacy



Original Color

25.7493, 0.2949, 0.3342

Protanomaly

25.6595, 0.3083, 0.3324

Deuteranomaly

25.4771, 0.3130, 0.3224

Tritanomaly

25.7692, 0.2885, 0.3187

Monochromacy



Original Color

25.7493, 0.2949, 0.3342

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2057, 0.3062, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7493, 0.2949, 0.3342 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(123, 143, 140)` looks like.

```
.text, #text, p{  
    color:rgb(123, 143, 140)  
}
```

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(123, 143, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 143, 140) }
```

Border

The CSS property to change the border of an element to Yxy 25.7493, 0.2949, 0.3342 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(123, 143, 140) }
```

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

```
.border{ border-color:rgb(123, 143, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 143, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 143, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 143, 140);  
box-shadow:4px 4px 4px 4px rgb(123, 143,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7493, 0.2949, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 143, 140) }
```

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

```
.background{ background-color: rgb(123,  
143, 140) }
```

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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