

Converting Colors

$Y_{xy}(25.1730, 0.2946, 0.3239)$

Have a look what the booklet for
Yxy(25.1730, 0.2946, 0.3239)
contains.

Yxy(25.1750, 0.2950, 0.3238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(25.1750, 0.2950, 0.3238)$

Conversions

Conversions Part 1

Format	Color
Hex	7E8C8F
RGB	126, 140, 143
RGB Percent	49%, 55%, 56%
CMY	0.5060, 0.4509, 0.4392
CMYK	0.12, 0.02, 0.00, 0.44
HSL	191°, 7%, 53%
HSV	191°, 12%, 56%
XYZ	22.9358, 25.1750, 29.6378
YIQ	136.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

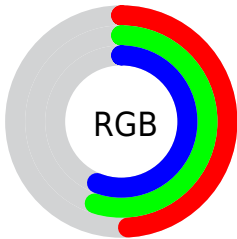
Format	Color
R_{YB}	126, 134, 143
Decimal	8293519
CIE _{Lab}	57.25, -4.43, -3.33
CIE _{LCh}	57, 5.539, 216.963
Yxy	25.1750, 0.2950, 0.3238
Android (android.graphics.Color)	4286483599 (0xFF7E8C8F)
YUV	136.1560, 3.3741, -8.9068
Hunter-Lab	50.1747, -6.2099, 0.1002

Details

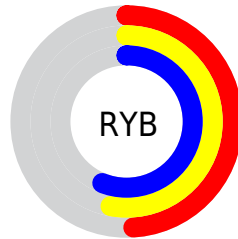
The Yxy color $25.1750, 0.2950, 0.3238$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.0324, 0.3327, 0.3341$, and the grayscale version is $24.6700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1985, 0.2988, 0.3252$, and $9.6804, 0.2884, 0.3212$ is the 20% darker color. If you saturate the color by 10%, you get $23.4412, 0.2805, 0.3190$, and if you desaturate by 10%, it is $27.0831, 0.3098, 0.3282$.

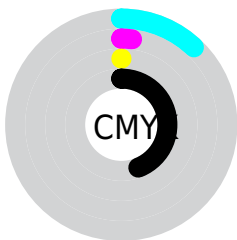
Distribution



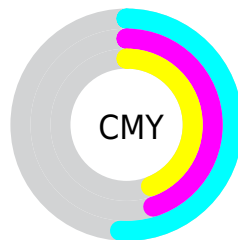
- Red (49%)
- Green (55%)
- Blue (56%)



- Red (49%)
- Yellow (53%)
- Blue (56%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1750, 0.2950, 0.3238 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 25.1750, 0.2950, 0.3238 by changing the saturation by 10% instead.

■ 25.1750, 0.2950,
0.3238

■ 25.1750, 0.2950,
0.3238

278.7083, 0.3047,
0.3267

■ 16.2075, 0.2922,
0.3229

■ 51.9410, 0.2988,
0.3250

■ 9.6711, 0.2884,
0.3217

■ 70.5082, 0.3001,
0.3254

■ 5.1814, 0.2829,
0.3199

■ 93.0442, 0.3012,
0.3257

■ 2.3541, 0.2742,
0.3170

119.9333, 0.3021,
0.3260

■ 0.8021, 0.2546,
0.3121

151.5598, 0.3029,
0.3262

■ 0.0000, 0.0000,
0.0000

188.3082, 0.3036,

0.3264

230.5629, 0.3042,
0.3266

■ 25.1750, 0.2950,
0.3238

■ 25.1750, 0.2950,
0.3238

■ 23.4412, 0.2805,
0.3190

■ 27.0831, 0.3098,
0.3282

■ 21.8717, 0.2667,
0.3138

■ 29.1684, 0.3248,
0.3322

■ 20.4605, 0.2539,
0.3083

■ 31.4381, 0.3397,
0.3358

■ 19.1999, 0.2423,
0.3026

■ 33.8978, 0.3544,
0.3390

■ 18.0815, 0.2322,
0.2966

■ 36.5529, 0.3686,
0.3418

■ 17.0959, 0.2237,
0.2905

■ 39.4085, 0.3824,
0.3443

■ 16.2325, 0.2171,
0.2843

■ 42.4696, 0.3956,
0.3464

■ 15.4789, 0.2123,
0.2782

■ 45.7410, 0.4081,
0.3483

■ 14.9216, 0.2092,
0.2732

■ 49.2273, 0.4200,
0.3499

Harmonies

Analogous

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



25.1750, 0.2998, 0.3325



25.1750, 0.2950, 0.3238



25.1750, 0.2949, 0.3167

Triad

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



25.1750, 0.2950, 0.3238



25.1750, 0.3173, 0.3182



25.1750, 0.3260, 0.3452

Complementary

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



25.1750, 0.2950, 0.3238



23.0324, 0.3327, 0.3341

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.



25.1750, 0.3308, 0.3410



25.1750, 0.2950, 0.3238



25.1750, 0.3258, 0.3255

Square

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



25.1750, 0.2950, 0.3238



25.1750, 0.3077, 0.3137



25.1750, 0.3308, 0.3338



25.1750, 0.3176, 0.3449

Rectangle

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



25.1750, 0.2950, 0.3238



25.1750, 0.2975, 0.3139



25.1750, 0.3308, 0.3338



25.1750, 0.3281, 0.3442

Sweetspot

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



25.1761, 0.2950, 0.3238



47.7327, 0.3066, 0.3273



25.6581, 0.3086, 0.3539



10.8905, 0.3056, 0.3270



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.



25.1761, 0.2950, 0.3238



44.3181, 0.2915, 0.3227



22.8212, 0.2947, 0.3091



5.9576, 0.2990, 0.3250



13.2199, 0.2093, 0.2735



0.1537, 0.2175, 0.3028

Inverse Universe

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



22.6453, 0.3173, 0.3056



38.9904, 0.3184, 0.3008



25.3282, 0.3310, 0.3481



5.4950, 0.3162, 0.3110



6.3209, 0.3695, 0.1809



0.0632, 0.3430, 0.1663

Previews

White Background



This preview shows how the Yxy color 25.1750, 0.2950, 0.3238 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 25.1750, 0.2950, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

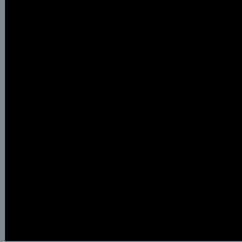
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

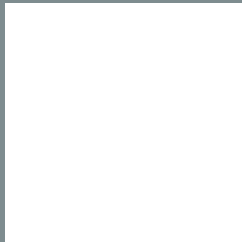
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1750, 0.2950, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 25.1750, 0.2950, 0.3238.



This preview shows how white text looks on a background with the Yxy color 25.1750, 0.2950, 0.3238.

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

25.1750, 0.2950, 0.3238

Protanopia

25.0204, 0.3109, 0.3207

Deuteranopia

24.9917, 0.3169, 0.3112



Tritanopia

25.1793, 0.2895, 0.3103

Trichromacy



Original Color

25.1750, 0.2950, 0.3238

Protanomaly

24.9126, 0.3044, 0.3205

Deuteranomaly

25.1109, 0.3078, 0.3157

Tritanomaly

25.0838, 0.2923, 0.3153

Monochromacy



Original Color

25.1750, 0.2950, 0.3238

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6609, 0.3052, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1750, 0.2950, 0.3238 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(126, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(126, 140, 143)  
}
```

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(126, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 140, 143) }
```

Border

The CSS property to change the border of an element to Yxy 25.1750, 0.2950, 0.3238 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(126, 140, 143) }
```

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

```
.border{ border-color:rgb(126, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 140, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 140, 143);  
box-shadow:4px 4px 4px 4px rgb(126, 140,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1750, 0.2950, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 140, 143) }
```

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

```
.background{ background-color: rgb(126,  
140, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor