

Converting Colors

$Y_{xy}(25.6959, 0.2929, 0.3178)$

Have a look what the booklet for
Yxy(25.6959, 0.2929, 0.3178)
contains.

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Color

$\text{Yxy}(25.7455, 0.2934, 0.3188)$

Conversions

Conversions Part 1

Format	Color
Hex	808D93
RGB	128, 141, 147
RGB Percent	50%, 55%, 58%
CMY	0.4980, 0.4471, 0.4236
CMYK	0.13, 0.04, 0.00, 0.42
HSL	199°, 8%, 54%
HSV	199°, 13%, 58%
XYZ	23.6943, 25.7455, 31.3178
YIQ	137.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

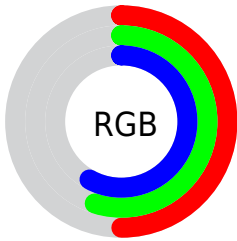
Format	Color
R _Y B	128, 136, 147
Decimal	8424851
CIE _{Lab}	57.79, -3.40, -4.79
CIE _{LCh}	58, 5.872, 234.630
Y _{xy}	25.7455, 0.2934, 0.3188
Android (android.graphics.Color)	4286614931 (0xFF808D93)
YUV	137.7970, 4.5371, -8.5920
Hunter-Lab	50.7400, -5.4402, -1.0770

Details

The Yxy color **25.7455, 0.2934, 0.3188** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8116, 0.3341, 0.3390**, and the grayscale version is **25.3206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0710, 0.2975, 0.3215**, and **9.9890, 0.2874, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **23.3487, 0.2784, 0.3100**, and if you desaturate by 10%, it is **28.3669, 0.3084, 0.3268**.

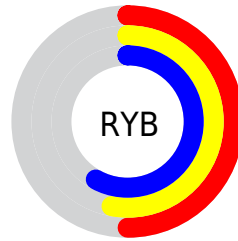
Distribution



Red (50%)

Green (55%)

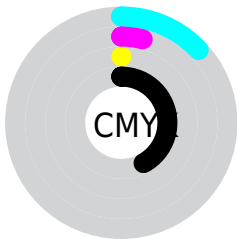
Blue (58%)



Red (50%)

Yellow (53%)

Blue (58%)

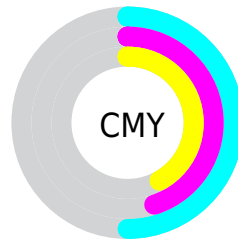


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (50%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7455, 0.2934, 0.3188 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 25.7455, 0.2934, 0.3188 by changing the saturation by 10% instead.


 25.7455, 0.2934,
0.3188


 25.7455, 0.2934,
0.3188


281.5305, 0.3040,
0.3245


 16.6333, 0.2904,
0.3172


 52.8641, 0.2975,
0.3210

 9.9734, 0.2863,
0.3149


 71.6393, 0.2989,
0.3218

 5.3813, 0.2804,
0.3116


 94.4043, 0.3001,
0.3224

 2.4727, 0.2712,
0.3062

121.5436, 0.3012,
0.3230

 0.8629, 0.2534,
0.2967

153.4414, 0.3020,
0.3234

 0.0000, 0.0000,
0.0000

190.4823, 0.3028,

0.3238

233.0505, 0.3034,
0.3242

■ 25.7455, 0.2934,
0.3188

■ 25.7455, 0.2934,
0.3188

■ 23.3487, 0.2784,
0.3100

■ 28.3669, 0.3084,
0.3268

■ 21.1655, 0.2638,
0.3004

■ 31.2169, 0.3232,
0.3341

■ 19.1886, 0.2497,
0.2901

■ 34.3036, 0.3376,
0.3405

■ 17.4092, 0.2366,
0.2793

■ 37.6336, 0.3515,
0.3463

■ 15.8175, 0.2248,
0.2679

■ 41.2132, 0.3648,
0.3513

■ 14.4028, 0.2145,
0.2563

■ 45.0485, 0.3775,
0.3558

■ 13.1529, 0.2061,
0.2445

■ 49.1454, 0.3895,
0.3597

■ 12.0536, 0.1997,
0.2328

■ 53.5094, 0.4008,
0.3630

■ 11.3374, 0.1957,
0.2246

■ 57.1261, 0.4069,
0.3667

Harmonies

Analogous

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



25.7455, 0.2956, 0.3272



25.7455, 0.2934, 0.3188



25.7455, 0.2963, 0.3133

Triad

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



25.7455, 0.2934, 0.3188



25.7455, 0.3231, 0.3219



25.7455, 0.3218, 0.3465

Complementary

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



25.7455, 0.2934, 0.3188



24.8116, 0.3341, 0.3390

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.



25.7455, 0.3293, 0.3447



25.7455, 0.2934, 0.3188



25.7455, 0.3301, 0.3304

Square

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



25.7455, 0.2934, 0.3188



25.7455, 0.3133, 0.3152



25.7455, 0.3324, 0.3388



25.7455, 0.3119, 0.3434

Rectangle

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



25.7455, 0.2934, 0.3188



25.7455, 0.3007, 0.3120



25.7455, 0.3324, 0.3388



25.7455, 0.3247, 0.3464

Sweetspot

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



25.7466, 0.2934, 0.3188



50.2384, 0.3066, 0.3259



27.1665, 0.3058, 0.3518



11.3908, 0.3056, 0.3254



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.



25.7466, 0.2934, 0.3188



45.0502, 0.2898, 0.3168



23.1481, 0.2930, 0.3029



6.2567, 0.2990, 0.3219



9.8766, 0.1959, 0.2252



0.1739, 0.2106, 0.2782

Inverse Universe

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



23.5678, 0.3207, 0.3077



40.5337, 0.3224, 0.3037



27.4632, 0.3321, 0.3539



5.8784, 0.3182, 0.3140



6.1904, 0.4177, 0.2074



0.0811, 0.3651, 0.1785

Previews

White Background



This preview shows how the Yxy color 25.7455, 0.2934, 0.3188 looks on a white background.

Color Contrast Check

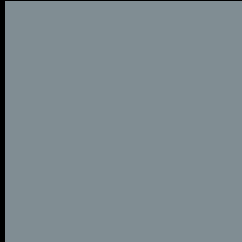
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7455, 0.2934, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

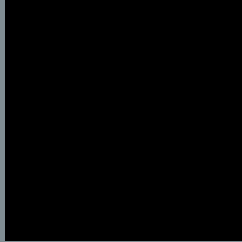
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

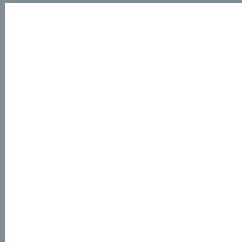
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.7455, 0.2934, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 25.7455, 0.2934, 0.3188.



This preview shows how white text looks on a background with the Yxy color 25.7455, 0.2934, 0.3188.

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

25.7455, 0.2934, 0.3188

Protanopia

25.7103, 0.3068, 0.3174

Deuteranopia

25.7620, 0.3137, 0.3082



Tritanopia

25.6577, 0.2906, 0.3105

Trichromacy



Original Color

25.7455, 0.2934, 0.3188

Protanomaly

25.6915, 0.3015, 0.3173

Deuteranomaly

25.6922, 0.3060, 0.3110

Tritanomaly

25.6253, 0.2915, 0.3121

Monochromacy



Original Color

25.7455, 0.2934, 0.3188

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4567, 0.3053, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7455, 0.2934, 0.3188 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(128, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(128, 141, 147)  
}
```

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(128, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 141, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.7455, 0.2934, 0.3188 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(128, 141, 147) }
```

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

```
.border{ border-color:rgb(128, 141, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 141, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 141, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 141, 147); box-shadow:4px 4px 4px 4px rgb(128, 141, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7455, 0.2934, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 141, 147) }
```

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

```
.background{ background-color: rgb(128,  
141, 147) }
```

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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