

Converting Colors

$Y_{xy}(24.6981, 0.2874, 0.3334)$

Have a look what the booklet for
Yxy(24.6981, 0.2874, 0.3334)
contains.

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Color

Yxy(24.8549, 0.2879, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	738E8B
RGB	115, 142, 139
RGB Percent	45%, 56%, 55%
CMY	0.5489, 0.4431, 0.4550
CMYK	0.19, 0.00, 0.02, 0.44
HSL	173°, 11%, 50%
HSV	173°, 19%, 56%
XYZ	21.4051, 24.8549, 28.0891
YIQ	133.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

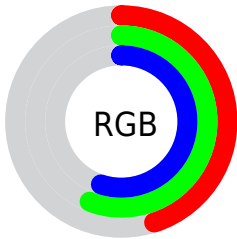
Format	Color
R_{YB}	115, 129, 142
Decimal	7573131
CIE _{Lab}	56.93, -10.17, -1.57
CIE _{LCh}	57, 10.288, 188.778
Yxy	24.8549, 0.2879, 0.3343
Android (android.graphics.Color)	4285763211 (0xFF738E8B)
YUV	133.5850, 2.6696, -16.2990
Hunter-Lab	49.8547, -10.6068, 1.4932

Details

The Yxy color $24.8549, 0.2879, 0.3343$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.3276, 0.3445, 0.3238$, and the grayscale version is $23.6762, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5011, 0.2932, 0.3342$, and $9.5338, 0.2785, 0.3370$ is the 20% darker color. If you saturate the color by 10%, you get $23.9199, 0.2760, 0.3374$, and if you desaturate by 10%, it is $25.9409, 0.3007, 0.3314$.

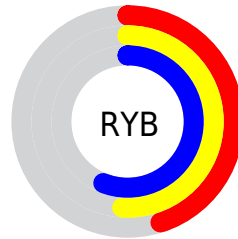
Distribution



Red (45%)

Green (56%)

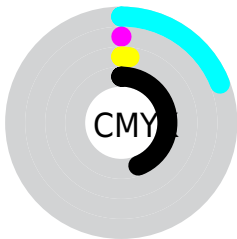
Blue (55%)



Red (45%)

Yellow (51%)

Blue (56%)

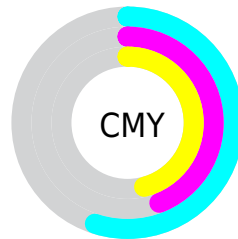


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8549, 0.2879, 0.3343 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 24.8549, 0.2879, 0.3343 by changing the saturation by 10% instead.

■ 24.8549, 0.2879,
0.3343

■ 24.8549, 0.2879,
0.3343

277.1146, 0.3016,
0.3315

■ 15.9690, 0.2840,
0.3351

■ 51.4217, 0.2932,
0.3332

■ 9.5022, 0.2787,
0.3361

■ 69.8714, 0.2951,
0.3328

■ 5.0702, 0.2709,
0.3376

■ 92.2779, 0.2966,
0.3325

■ 2.2885, 0.2585,
0.3399

■ 119.0254, 0.2979,
0.3322

■ 0.7676, 0.2194,
0.3498

150.4984, 0.2990,
0.3320

■ 0.0000, 0.0000,
0.0000

187.0814, 0.3000,

0.3318

229.1586, 0.3008,
0.3316

■ 24.8549, 0.2879,
0.3343

■ 24.8549, 0.2879,
0.3343

■ 23.9199, 0.2760,
0.3374

■ 25.9409, 0.3007,
0.3314

■ 23.1261, 0.2652,
0.3408

■ 27.1812, 0.3141,
0.3287

■ 22.4673, 0.2559,
0.3443

■ 28.5828, 0.3279,
0.3263

■ 21.9354, 0.2481,
0.3479

■ 30.1513, 0.3418,
0.3242

■ 21.5217, 0.2420,
0.3517

■ 31.8921, 0.3556,
0.3223

■ 21.2163, 0.2378,
0.3554

■ 33.8104, 0.3693,
0.3206

■ 21.0077, 0.2354,
0.3592

■ 35.9110, 0.3826,
0.3192

■ 20.8686, 0.2344,
0.3629

■ 38.1988, 0.3954,
0.3179

■ 20.8552, 0.2343,
0.3633

■ 40.6782, 0.4078,
0.3169

Harmonies

Analogous

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



24.8549, 0.3027, 0.3495



24.8549, 0.2879, 0.3343



24.8549, 0.2797, 0.3180

Triad

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



24.8549, 0.2879, 0.3343



24.8549, 0.3042, 0.3011



24.8549, 0.3464, 0.3518

Complementary

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



24.8549, 0.2879, 0.3343



19.3276, 0.3445, 0.3238

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.



24.8549, 0.3469, 0.3384



24.8549, 0.2879, 0.3343



24.8549, 0.3222, 0.3097

Square

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



24.8549, 0.2879, 0.3343



24.8549, 0.2889, 0.2994



24.8549, 0.3379, 0.3232



24.8549, 0.3366, 0.3595

Rectangle

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



24.8549, 0.2879, 0.3343



24.8549, 0.2790, 0.3090



24.8549, 0.3379, 0.3232



24.8549, 0.3476, 0.3478

Sweetspot

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



24.8559, 0.2879, 0.3343



46.3446, 0.3045, 0.3306



24.4478, 0.3137, 0.3785



10.3253, 0.3038, 0.3308



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.8559, 0.2879, 0.3343



43.0603, 0.2824, 0.3357



22.0102, 0.2842, 0.3102



6.1061, 0.3004, 0.3315



18.7270, 0.2342, 0.3632



0.1810, 0.2291, 0.3447

Inverse Universe

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



19.3276, 0.3445, 0.3238



31.3788, 0.3540, 0.3225



21.7494, 0.3452, 0.3471



5.4333, 0.3265, 0.3266



5.1981, 0.6226, 0.3203



0.0512, 0.5555, 0.2834

Previews

White Background



This preview shows how the Yxy color 24.8549, 0.2879, 0.3343 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 24.8549, 0.2879, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

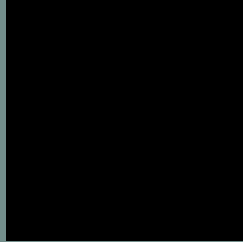
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

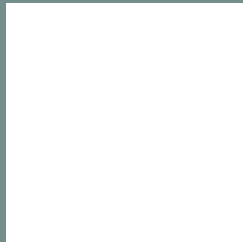
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.8549, 0.2879, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 24.8549, 0.2879, 0.3343.



This preview shows how white text looks on a background with the Yxy color 24.8549, 0.2879, 0.3343.

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

24.8549, 0.2879, 0.3343

Protanopia

24.8466, 0.3171, 0.3307

Deuteranopia

24.6287, 0.3202, 0.3143



Tritanopia

24.7724, 0.2789, 0.3098

Trichromacy



Original Color

24.8549, 0.2879, 0.3343

Protanomaly

24.7004, 0.3060, 0.3324

Deuteranomaly

24.6527, 0.3075, 0.3222

Tritanomaly

24.8693, 0.2816, 0.3184

Monochromacy



Original Color

24.8549, 0.2879, 0.3343

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.1809, 0.3028, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8549, 0.2879, 0.3343 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(115, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(115, 142, 139)  
}
```

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(115, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 142, 139) }
```

Border

The CSS property to change the border of an element to Yxy 24.8549, 0.2879, 0.3343 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(115, 142, 139) }
```

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

```
.border{ border-color:rgb(115, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(115, 142,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8549, 0.2879, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 142, 139) }
```

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

```
.background{ background-color: rgb(115,  
142, 139) }
```

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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