

Converting Colors

$Y_{xy}(24.3245, 0.2750, 0.3187)$

Have a look what the booklet for
Yxy(24.3245, 0.2750, 0.3187)
contains.

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Color

Yxy(24.4075, 0.2750, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	6D8D93
RGB	109, 141, 147
RGB Percent	43%, 55%, 58%
CMY	0.5727, 0.4470, 0.4235
CMYK	0.26, 0.04, 0.00, 0.42
HSL	189°, 15%, 50%
HSV	189°, 26%, 58%
XYZ	21.0938, 24.4075, 31.2036
YIQ	132.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

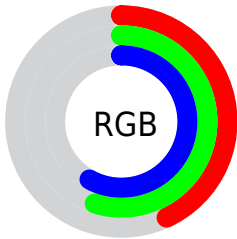
Format	Color
RYB	109, 126, 147
Decimal	7179667
CIELab	56.49, -9.75, -6.87
CIElCh	56, 11.929, 215.169
Yxy	24.4075, 0.2750, 0.3182
Android (android.graphics.Color)	4285369747 (0xFF6D8D93)
YUV	132.1160, 7.3378, -20.2727
Hunter-Lab	49.4039, -10.2433, -2.8648

Details

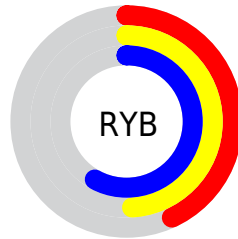
The Yxy color $24.4075, 0.2750, 0.3182$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.5554, 0.3631, 0.3395$, and the grayscale version is $23.0946, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8243, 0.2827, 0.3211$, and $9.2874, 0.2620, 0.3153$ is the 20% darker color. If you saturate the color by 10%, you get $22.8778, 0.2617, 0.3134$, and if you desaturate by 10%, it is $26.1093, 0.2892, 0.3227$.

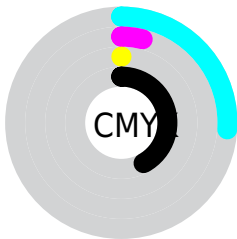
Distribution



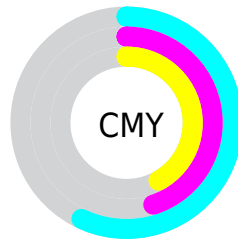
- Red (43%)
- Green (55%)
- Blue (58%)



- Red (43%)
- Yellow (49%)
- Blue (58%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (42%)





- Cyan (57%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4075, 0.2750, 0.3182 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 24.4075, 0.2750, 0.3182 by changing the saturation by 10% instead.


 24.4075, 0.2750,
0.3182

 24.4075, 0.2750,
0.3182


274.8742, 0.2957,
0.3244


 15.6362, 0.2691,
0.3163


 50.6944, 0.2830,
0.3207


 9.2671, 0.2612,
0.3136

 68.9787, 0.2858,
0.3216

 4.9158, 0.2496,
0.3095

 91.2028, 0.2882,
0.3223

 2.1979, 0.2315,
0.3025

 117.7512, 0.2902,
0.3229

 0.7189, 0.1811,
0.2923

149.0081, 0.2919,
0.3233

 0.0000, 0.0000,
0.0000

185.3580, 0.2933,

0.3238

227.1852, 0.2946,
0.3241

■ 24.4075, 0.2750,
0.3182

■ 24.4075, 0.2750,
0.3182

■ 22.8778, 0.2617,
0.3134

■ 26.1093, 0.2892,
0.3227

■ 21.5095, 0.2494,
0.3084

■ 27.9876, 0.3039,
0.3268

■ 20.2950, 0.2386,
0.3032

■ 30.0502, 0.3189,
0.3305

■ 19.2250, 0.2293,
0.2977

■ 32.3036, 0.3340,
0.3339

■ 18.2890, 0.2219,
0.2923

■ 34.7538, 0.3489,
0.3369

■ 17.4750, 0.2162,
0.2868

■ 37.4069, 0.3635,
0.3396

■ 16.7656, 0.2123,
0.2813

■ 40.2683, 0.3776,
0.3419

■ 16.4868, 0.2109,
0.2791

■ 43.3433, 0.3912,
0.3440

■ 46.6373, 0.4042,
0.3457

Harmonies

Analogous

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



24.4075, 0.2855, 0.3375



24.4075, 0.2750, 0.3182



24.4075, 0.2742, 0.3028

Triad

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



24.4075, 0.2750, 0.3182



24.4075, 0.3212, 0.3051



24.4075, 0.3424, 0.3640

Complementary

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



24.4075, 0.2750, 0.3182



19.5554, 0.3631, 0.3395

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.



24.4075, 0.3527, 0.3538



24.4075, 0.2750, 0.3182



24.4075, 0.3403, 0.3201

Square

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



24.4075, 0.2750, 0.3182



24.4075, 0.3003, 0.2960



24.4075, 0.3520, 0.3377



24.4075, 0.3242, 0.3646

Rectangle

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



24.4075, 0.2750, 0.3182



24.4075, 0.2792, 0.2966



24.4075, 0.3520, 0.3377



24.4075, 0.3469, 0.3615

Sweetspot

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



24.4085, 0.2750, 0.3182



49.3239, 0.3005, 0.3259



25.3465, 0.3042, 0.3892



11.1496, 0.2984, 0.3253



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.



24.4085, 0.2750, 0.3182



42.0968, 0.2672, 0.3155



19.3410, 0.2719, 0.2833



6.4084, 0.2990, 0.3254



14.3222, 0.2110, 0.2794



0.2089, 0.2183, 0.3057

Inverse Universe

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



19.0545, 0.3230, 0.2759



30.9751, 0.3257, 0.2639



24.2699, 0.3555, 0.3708



5.8937, 0.3160, 0.3106



6.6392, 0.3640, 0.1779



0.0847, 0.3404, 0.1649

Previews

White Background



This preview shows how the Yxy color 24.4075, 0.2750, 0.3182 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 24.4075, 0.2750, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

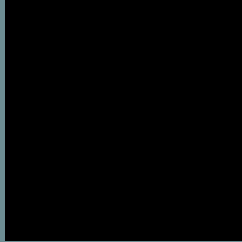
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

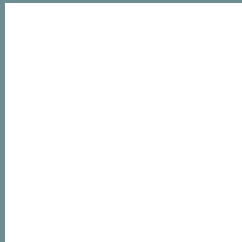
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.4075, 0.2750, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 24.4075, 0.2750, 0.3182.



This preview shows how white text looks on a background with the Yxy color 24.4075, 0.2750, 0.3182.

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

24.4075, 0.2750, 0.3182

Protanopia

24.1843, 0.3046, 0.3138

Deuteranopia

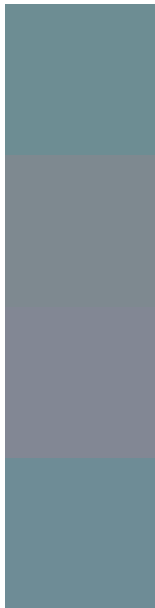
24.1533, 0.3062, 0.2995



Tritanopia

24.3382, 0.2716, 0.3077

Trichromacy



Original Color

24.4075, 0.2750, 0.3182

Protanomaly

24.3406, 0.2940, 0.3169

Deuteranomaly

24.2119, 0.2943, 0.3069

Tritanomaly

24.2732, 0.2732, 0.3112

Monochromacy



Original Color

24.4075, 0.2750, 0.3182

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.4192, 0.2986, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4075, 0.2750, 0.3182 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(109, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(109, 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(109, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 141, 147) }
```

Border

The CSS property to change the border of an element to Yxy 24.4075, 0.2750, 0.3182 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(109, 141, 147) }
```

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

```
.border{ border-color:rgb(109, 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(109, 141, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(109, 141,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4075, 0.2750, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 141, 147) }
```

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

```
.background{ background-color: rgb(109,  
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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