

Converting Colors

$Y_{xy}(24.9384, 0.2677, 0.3402)$

Have a look what the booklet for
Yxy(24.9384, 0.2677, 0.3402)
contains.

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Color

$Yxy(24.7784, 0.2680, 0.3400)$

Conversions

Conversions Part 1

Format	Color
Hex	5D928C
RGB	93, 146, 140
RGB Percent	36%, 57%, 55%
CMY	0.6351, 0.4275, 0.4509
CMYK	0.36, 0.00, 0.04, 0.43
HSL	173°, 22%, 47%
HSV	173°, 36%, 57%
XYZ	19.5312, 24.7784, 28.5680
YIQ	129.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

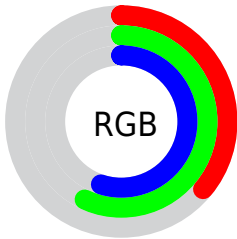
Format	Color
R_{YB}	93, 121, 146
Decimal	6132364
CIE _{Lab}	56.86, -18.99, -2.42
CIE _{LCh}	57, 19.147, 187.257
Yxy	24.7784, 0.2680, 0.3400
Android (android.graphics.Color)	4284322444 (0xFF5D928C)
YUV	129.4690, 5.1918, -31.9833
Hunter-Lab	49.7779, -17.0738, 0.8174

Details

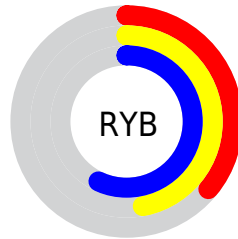
The Yxy color $24.7784, 0.2680, 0.3400$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $14.8501, 0.3868, 0.3186$, and the grayscale version is $22.1200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2698, 0.2781, 0.3383$, and $9.4148, 0.2512, 0.3432$ is the 20% darker color. If you saturate the color by 10%, you get $24.0401, 0.2582, 0.3435$, and if you desaturate by 10%, it is $25.6649, 0.2791, 0.3367$.

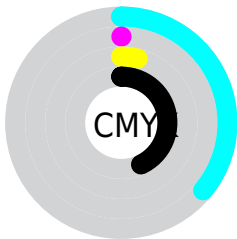
Distribution



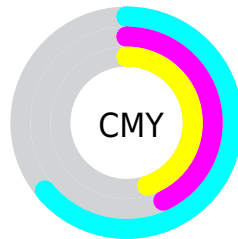
- Red (36%)
- Green (57%)
- Blue (55%)



- Red (36%)
- Yellow (47%)
- Blue (57%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7784, 0.2680, 0.3400 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 24.7784, 0.2680, 0.3400 by changing the saturation by 10% instead.


 24.7784, 0.2680,
0.3400


 24.7784, 0.2680,
0.3400


276.7326, 0.2925,
0.3342

 15.9120, 0.2611,
0.3416


 51.2975, 0.2775,
0.3378


 9.4619, 0.2516,
0.3437


 69.7190, 0.2809,
0.3370

 5.0437, 0.2379,
0.3465

 92.0944, 0.2837,
0.3363

 2.2729, 0.2164,
0.3507

 118.8080, 0.2860,
0.3358

 0.7593, 0.1282,
0.3771

150.2442, 0.2880,
0.3353

 0.0000, 0.0000,
0.0000

186.7874, 0.2897,

0.3348

228.8221, 0.2912,
0.3345

■ 24.7784, 0.2680,
0.3400

■ 24.7784, 0.2680,
0.3400

■ 24.0401, 0.2582,
0.3435

■ 25.6649, 0.2791,
0.3367

■ 23.4387, 0.2500,
0.3472

■ 26.7043, 0.2913,
0.3336

■ 22.9660, 0.2435,
0.3510

■ 27.9046, 0.3043,
0.3307

■ 22.6119, 0.2388,
0.3548

■ 29.2726, 0.3178,
0.3281

■ 22.3644, 0.2360,
0.3586

■ 30.8145, 0.3317,
0.3257

■ 22.2056, 0.2347,
0.3624

■ 32.5362, 0.3456,
0.3236

■ 22.1538, 0.2344,
0.3638

■ 34.4436, 0.3594,
0.3217

■ 36.5419, 0.3730,
0.3201

■ 38.8364, 0.3862,
0.3187

Harmonies

Analogous

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



24.7784, 0.2952, 0.3695



24.7784, 0.2680, 0.3400



24.7784, 0.2529, 0.3089

Triad

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



24.7784, 0.2680, 0.3400



24.7784, 0.2948, 0.2782



24.7784, 0.3761, 0.3689

Complementary

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



24.7784, 0.2680, 0.3400



14.8501, 0.3868, 0.3186

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.



24.7784, 0.3765, 0.3436



24.7784, 0.2680, 0.3400



24.7784, 0.3282, 0.2930

Square

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



24.7784, 0.2680, 0.3400



24.7784, 0.2677, 0.2752



24.7784, 0.3586, 0.3164



24.7784, 0.3579, 0.3854

Rectangle

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



24.7784, 0.2680, 0.3400



24.7784, 0.2511, 0.2921



24.7784, 0.3586, 0.3164



24.7784, 0.3783, 0.3611

Sweetspot

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



24.7794, 0.2680, 0.3400



48.1451, 0.2978, 0.3321



24.0126, 0.3139, 0.4325



10.6551, 0.2962, 0.3324



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.



24.7794, 0.2680, 0.3400



42.5779, 0.2595, 0.3430



19.2501, 0.2580, 0.2900



6.5511, 0.3004, 0.3315



19.4996, 0.2343, 0.3636



0.2413, 0.2291, 0.3449

Inverse Universe

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



14.8501, 0.3868, 0.3186



22.2601, 0.4139, 0.3163



18.7896, 0.3838, 0.3647



5.8254, 0.3266, 0.3265



5.4138, 0.6226, 0.3204



0.0683, 0.5547, 0.2829

Previews

White Background



This preview shows how the Yxy color 24.7784, 0.2680, 0.3400 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 24.7784, 0.2680, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

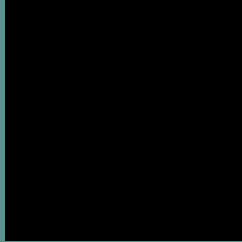
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7784, 0.2680, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 24.7784, 0.2680, 0.3400.



This preview shows how white text looks on a background with the Yxy color 24.7784, 0.2680, 0.3400.

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

24.7784, 0.2680, 0.3400

Protanopia

24.5381, 0.3183, 0.3307

Deuteranopia

24.5967, 0.3170, 0.3111



Tritanopia

24.8545, 0.2590, 0.3092

Trichromacy



Original Color

24.7784, 0.2680, 0.3400

Protanomaly

24.3804, 0.2976, 0.3343

Deuteranomaly

24.3563, 0.2970, 0.3203

Tritanomaly

24.9396, 0.2623, 0.3198

Monochromacy



Original Color

24.7784, 0.2680, 0.3400

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.7344, 0.2941, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7784, 0.2680, 0.3400 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(93, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 146, 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(93, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 146, 140) }
```

Border

The CSS property to change the border of an element to Yxy 24.7784, 0.2680, 0.3400 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(93, 146, 140) }
```

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

```
.border{ border-color:rgb(93, 146, 140) }
```

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

Here you see how a box with a 4 pixel rgb(93, 146, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 146,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7784, 0.2680, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 146, 140) }
```

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

```
.background{ background-color: rgb(93, 146,  
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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