

Converting Colors

$Y_{xy}(25.0790, 0.2786, 0.3241)$

Have a look what the booklet for
Yxy(25.0790, 0.2786, 0.3241)
contains.

Yxy(25.0998, 0.2780, 0.3236)	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

$Y_{xy}(25.0998, 0.2780, 0.3236)$

Conversions

Conversions Part 1

Format	Color
Hex	6F8F92
RGB	111, 143, 146
RGB Percent	44%, 56%, 57%
CMY	0.5648, 0.4392, 0.4275
CMYK	0.24, 0.02, 0.00, 0.43
HSL	185°, 14%, 50%
HSV	185°, 24%, 57%
XYZ	21.5629, 25.0998, 30.9016
YIQ	133.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

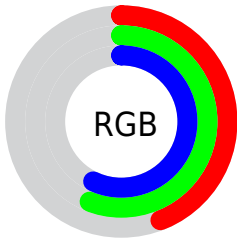
Format	Color
R_{YB}	111, 128, 146
Decimal	7311250
CIE _{Lab}	57.17, -10.45, -5.27
CIE _{LCh}	57, 11.706, 206.775
Yxy	25.0998, 0.2780, 0.3236
Android (android.graphics.Color)	4285501330 (0xFF6F8F92)
YUV	133.7740, 6.0274, -19.9728
Hunter-Lab	50.0997, -10.8482, -1.5004

Details

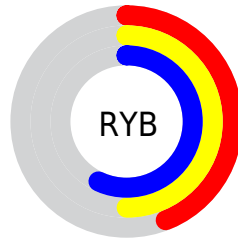
The Yxy color $25.0998, 0.2780, 0.3236$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.2821, 0.3595, 0.3343$, and the grayscale version is $23.7341, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8892, 0.2850, 0.3250$, and $9.6974, 0.2651, 0.3208$ is the 20% darker color. If you saturate the color by 10%, you get $23.8584, 0.2650, 0.3211$, and if you desaturate by 10%, it is $26.5022, 0.2920, 0.3260$.

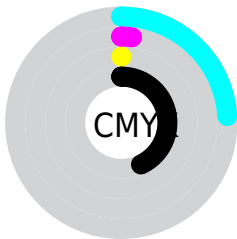
Distribution



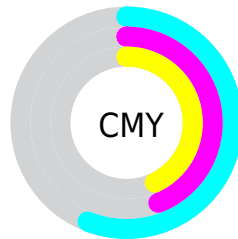
- Red (44%)
- Green (56%)
- Blue (57%)



- Red (44%)
- Yellow (50%)
- Blue (57%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)





- Cyan (56%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0998, 0.2780, 0.3236 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 25.0998, 0.2780, 0.3236 by changing the saturation by 10% instead.


 25.0998, 0.2780,
0.3236


 25.0998, 0.2780,
0.3236


278.3346, 0.2970,
0.3268

 16.1514, 0.2726,
0.3226


 51.8191, 0.2853,
0.3249


 9.6314, 0.2653,
0.3211


 70.3588, 0.2879,
0.3254

 5.1552, 0.2548,
0.3189

 92.8644, 0.2901,
0.3257

 2.3386, 0.2384,
0.3149

 119.7203, 0.2919,
0.3260

 0.7940, 0.1957,
0.3111

151.3108, 0.2935,
0.3263

 0.0000, 0.0000,
0.0000

188.0205, 0.2948,

0.3265

230.2336, 0.2960,
0.3266

■ 25.0998, 0.2780,
0.3236

■ 25.0998, 0.2780,
0.3236

■ 23.8584, 0.2650,
0.3211

■ 26.5022, 0.2920,
0.3260

■ 22.7673, 0.2532,
0.3184

■ 28.0696, 0.3067,
0.3282

■ 21.8195, 0.2428,
0.3156

■ 29.8095, 0.3218,
0.3302

■ 21.0060, 0.2342,
0.3128

■ 31.7281, 0.3371,
0.3320

■ 20.3169, 0.2273,
0.3100

■ 33.8314, 0.3524,
0.3336

■ 19.7407, 0.2223,
0.3071

■ 36.1251, 0.3674,
0.3351

■ 19.2635, 0.2190,
0.3043

■ 38.6144, 0.3820,
0.3363

■ 19.0004, 0.2174,
0.3026

■ 41.3046, 0.3962,
0.3374

■ 44.2006, 0.4097,
0.3384

Harmonies

Analogous

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



25.0998, 0.2906, 0.3424



25.0998, 0.2780, 0.3236



25.0998, 0.2744, 0.3071

Triad

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



25.0998, 0.2780, 0.3236



25.0998, 0.3152, 0.3025



25.0998, 0.3453, 0.3610

Complementary

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



25.0998, 0.2780, 0.3236



19.2821, 0.3595, 0.3343

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.



25.0998, 0.3525, 0.3491



25.0998, 0.2780, 0.3236



25.0998, 0.3348, 0.3158

Square

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



25.0998, 0.2780, 0.3236



25.0998, 0.2954, 0.2957



25.0998, 0.3487, 0.3327



25.0998, 0.3293, 0.3645

Rectangle

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



25.0998, 0.2780, 0.3236



25.0998, 0.2776, 0.2996



25.0998, 0.3487, 0.3327



25.0998, 0.3489, 0.3578

Sweetspot

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



25.1008, 0.2780, 0.3236



48.6164, 0.3020, 0.3275



25.1471, 0.3070, 0.3887



10.7844, 0.3013, 0.3274



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.



25.1008, 0.2780, 0.3236



43.0220, 0.2706, 0.3222



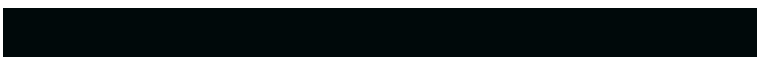
20.2628, 0.2754, 0.2915



6.4785, 0.2990, 0.3271



16.7366, 0.2174, 0.3027



0.2249, 0.2213, 0.3167

Inverse Universe

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



19.4559, 0.3190, 0.2759



31.2864, 0.3207, 0.2634



23.5986, 0.3529, 0.3638



5.9007, 0.3149, 0.3090



6.8829, 0.3430, 0.1663



0.0863, 0.3310, 0.1597

Previews

White Background



This preview shows how the Yxy color 25.0998, 0.2780, 0.3236 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 25.0998, 0.2780, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

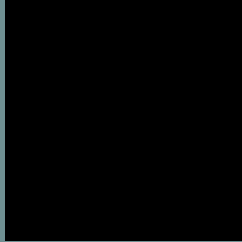
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

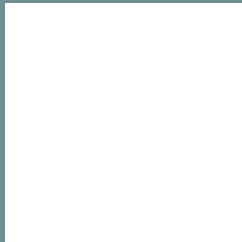
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0998, 0.2780, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 25.0998, 0.2780, 0.3236.

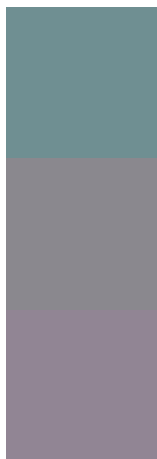


This preview shows how white text looks on a background with the Yxy color 25.0998, 0.2780, 0.3236.

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

25.0998, 0.2780, 0.3236

Protanopia

24.9646, 0.3088, 0.3190

Deuteranopia

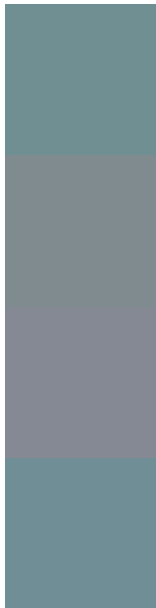
24.9329, 0.3105, 0.3047



Tritanopia

25.0907, 0.2729, 0.3097

Trichromacy



Original Color

25.0998, 0.2780, 0.3236

Protanomaly

25.0376, 0.2971, 0.3221

Deuteranomaly

24.9844, 0.2984, 0.3122

Tritanomaly

24.9928, 0.2754, 0.3149

Monochromacy



Original Color

25.0998, 0.2780, 0.3236

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.1619, 0.2998, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0998, 0.2780, 0.3236 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(111, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(111, 143, 146)  
}
```

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(111, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 143, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.0998, 0.2780, 0.3236 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(111, 143, 146) }
```

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

```
.border{ border-color:rgb(111, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(111, 143,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0998, 0.2780, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 143, 146) }
```

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

```
.background{ background-color: rgb(111,  
143, 146) }
```

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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