

Converting Colors

$Yxy(25.0397, 0.2666, 0.3380)$

Have a look what the booklet for
Yxy(25.0397, 0.2666, 0.3380)
contains.

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Color

Yxy(25.1476, 0.2666, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	5D938E
RGB	93, 147, 142
RGB Percent	36%, 58%, 56%
CMY	0.6354, 0.4235, 0.4431
CMYK	0.37, 0.00, 0.03, 0.42
HSL	174°, 23%, 47%
HSV	174°, 37%, 58%
XYZ	19.8295, 25.1476, 29.4021
YIQ	130.2840, -30.5790, -13.0030

Conversions

Conversions Part 2

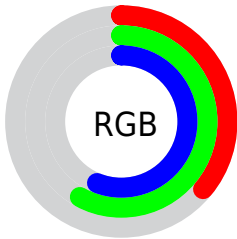
Format	Color
R _{YB}	93, 121, 147
Decimal	6132622
CIE _{Lab}	57.22, -19.05, -3.03
CIE _{LCh}	57, 19.291, 189.042
Yxy	25.1476, 0.2666, 0.3381
Android (android.graphics.Color)	4284322702 (0xFF5D938E)
YUV	130.2840, 5.7760, -32.6981
Hunter-Lab	50.1474, -17.1747, 0.3406

Details

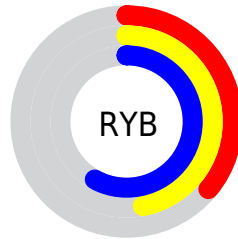
The Yxy color **25.1476, 0.2666, 0.3381** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.9113, 0.3900, 0.3204**, and the grayscale version is **22.4157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8698, 0.2763, 0.3356**, and **9.6307, 0.2497, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **24.4133, 0.2567, 0.3410**, and if you desaturate by 10%, it is **26.0318, 0.2779, 0.3354**.

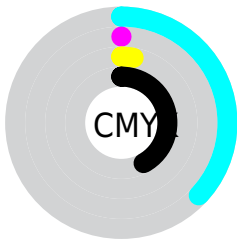
Distribution



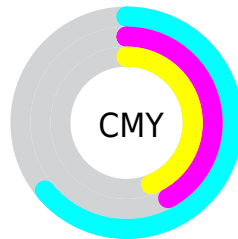
- Red (36%)
- Green (58%)
- Blue (56%)



- Red (36%)
- Yellow (47%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)




- Cyan (64%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1476, 0.2666, 0.3381 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 25.1476, 0.2666, 0.3381 by changing the saturation by 10% instead.


 25.1476, 0.2666,
0.3381


 25.1476, 0.2666,
0.3381


278.5722, 0.2918,
0.3334


 16.1871, 0.2595,
0.3393


 51.8966, 0.2763,
0.3363

 9.6566, 0.2498,
0.3409


 70.4538, 0.2798,
0.3357

 5.1719, 0.2359,
0.3431

 92.9787, 0.2827,
0.3351

 2.3485, 0.2143,
0.3460

 119.8557, 0.2851,
0.3347

 0.7992, 0.1351,
0.3665

151.4691, 0.2871,
0.3343

 0.0000, 0.0000,
0.0000

188.2034, 0.2889,

0.3339

230.4430, 0.2904,
0.3336

■ 25.1476, 0.2666,
0.3381

■ 25.1476, 0.2666,
0.3381

■ 24.4133, 0.2567,
0.3410

■ 26.0318, 0.2779,
0.3354

■ 23.8176, 0.2484,
0.3440

■ 27.0708, 0.2902,
0.3328

■ 23.3519, 0.2419,
0.3470

■ 28.2728, 0.3034,
0.3305

■ 23.0059, 0.2372,
0.3501

■ 29.6446, 0.3173,
0.3283

■ 22.7674, 0.2342,
0.3532

■ 31.1927, 0.3314,
0.3264

■ 22.6168, 0.2329,
0.3562

■ 32.9230, 0.3457,
0.3247

■ 22.5736, 0.2326,
0.3572

■ 34.8415, 0.3598,
0.3231

■ 36.9536, 0.3738,
0.3218

■ 39.2647, 0.3873,
0.3206

Harmonies

Analogous

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



25.1476, 0.2933, 0.3681



25.1476, 0.2666, 0.3381



25.1476, 0.2523, 0.3071

Triad

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



25.1476, 0.2666, 0.3381



25.1476, 0.2966, 0.2786



25.1476, 0.3756, 0.3703

Complementary

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



25.1476, 0.2666, 0.3381



14.9113, 0.3900, 0.3204

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.



25.1476, 0.3772, 0.3453



25.1476, 0.2666, 0.3381



25.1476, 0.3302, 0.2941

Square

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



25.1476, 0.2666, 0.3381



25.1476, 0.2689, 0.2749



25.1476, 0.3603, 0.3179



25.1476, 0.3565, 0.3861

Rectangle

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



25.1476, 0.2666, 0.3381



25.1476, 0.2511, 0.2908



25.1476, 0.3603, 0.3179



25.1476, 0.3782, 0.3627

Sweetspot

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



25.1486, 0.2666, 0.3381



49.6278, 0.2974, 0.3315



24.2774, 0.3130, 0.4344



11.2694, 0.2958, 0.3318



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.



25.1486, 0.2666, 0.3381



43.9410, 0.2584, 0.3404



19.2012, 0.2570, 0.2876



6.5531, 0.3001, 0.3310



19.5706, 0.2325, 0.3571



0.2417, 0.2283, 0.3418

Inverse Universe

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



14.9113, 0.3900, 0.3204



22.8803, 0.4164, 0.3186



19.1625, 0.3846, 0.3668



5.8236, 0.3269, 0.3270



5.4061, 0.6262, 0.3224



0.0679, 0.5679, 0.2902

Previews

White Background



This preview shows how the Yxy color 25.1476, 0.2666, 0.3381 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 25.1476, 0.2666, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

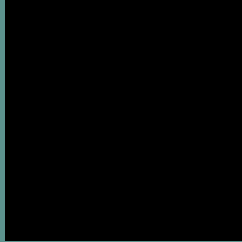
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

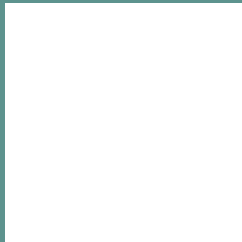
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1476, 0.2666, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 25.1476, 0.2666, 0.3381.



This preview shows how white text looks on a background with the Yxy color 25.1476, 0.2666, 0.3381.

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

25.1476, 0.2666, 0.3381

Protanopia

24.8749, 0.3161, 0.3290

Deuteranopia

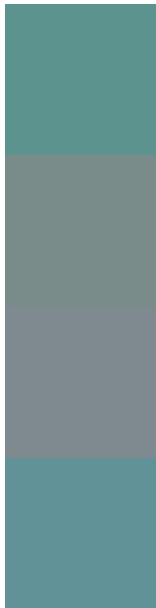
24.9304, 0.3148, 0.3095



Tritanopia

25.1925, 0.2585, 0.3093

Trichromacy



Original Color

25.1476, 0.2666, 0.3381

Protanomaly

24.7287, 0.2957, 0.3325

Deuteranomaly

24.7026, 0.2951, 0.3186

Tritanomaly

25.2789, 0.2618, 0.3198

Monochromacy



Original Color

25.1476, 0.2666, 0.3381

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.1115, 0.2942, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1476, 0.2666, 0.3381 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, 147, 142)` looks like.

```
.text, #text, p{  
    color:rgb(93, 147, 142)  
}
```

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, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 147, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.1476, 0.2666, 0.3381 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, 147, 142) }
```

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

```
.border{ border-color:rgb(93, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(93, 147,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1476, 0.2666, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 147, 142) }
```

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

```
.background{ background-color: rgb(93, 147,  
142) }
```

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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