

Converting Colors

$Y_{xy}(25.2852, 0.2708, 0.3407)$

Have a look what the booklet for
Yxy(25.2852, 0.2708, 0.3407)
contains.

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Color

$\text{Yxy}(25.3319, 0.2706, 0.3399)$

Conversions

Conversions Part 1

Format	Color
Hex	61938D
RGB	97, 147, 141
RGB Percent	38%, 58%, 55%
CMY	0.6198, 0.4235, 0.4470
CMYK	0.34, 0.00, 0.04, 0.42
HSL	173°, 21%, 48%
HSV	173°, 34%, 58%
XYZ	20.1671, 25.3319, 29.0285
YIQ	131.3660, -27.8740, -12.4660

Conversions

Conversions Part 2

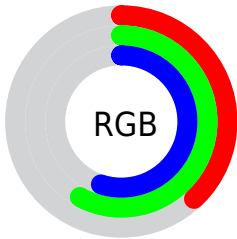
Format	Color
R _Y B	97, 124, 147
Decimal	6394765
CIE Lab	57.40, -18.15, -2.17
CIE LCh	57, 18.277, 186.833
Yxy	25.3319, 0.2706, 0.3399
Android (android.graphics.Color)	4284584845 (0xFF61938D)
YUV	131.3660, 4.7496, -30.1390
Hunter-Lab	50.3308, -16.5554, 1.0359

Details

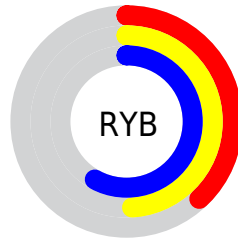
The Yxy color **25.3319, 0.2706, 0.3399** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.7218, 0.3800, 0.3187**, and the grayscale version is **22.8214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1974, 0.2796, 0.3369**, and **9.7254, 0.2554, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **24.5473, 0.2606, 0.3436**, and if you desaturate by 10%, it is **26.2691, 0.2819, 0.3364**.

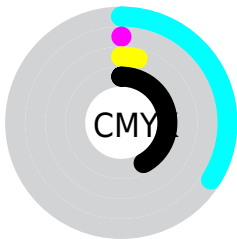
Distribution



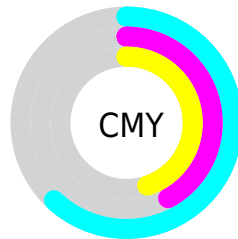
- Red (38%)
- Green (58%)
- Blue (55%)



- Red (38%)
- Yellow (49%)
- Blue (58%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (42%)





- Cyan (62%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3319, 0.2706, 0.3399 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 25.3319, 0.2706, 0.3399 by changing the saturation by 10% instead.


 25.3319, 0.2706,
0.3399


 25.3319, 0.2706,
0.3399


279.4868, 0.2936,
0.3341


 16.3245, 0.2641,
0.3415


 52.1952, 0.2795,
0.3377

 9.7541, 0.2552,
0.3436


 70.8198, 0.2827,
0.3369

 5.2362, 0.2425,
0.3465

 93.4190, 0.2853,
0.3362

 2.3865, 0.2225,
0.3507

 120.3771, 0.2875,
0.3357

 0.8189, 0.1524,
0.3722

152.0786, 0.2894,
0.3352

 0.0000, 0.0000,
0.0000

188.9077, 0.2910,

0.3348

231.2490, 0.2924,
0.3344

■ 25.3319, 0.2706,
0.3399

■ 25.3319, 0.2706,
0.3399

■ 24.5473, 0.2606,
0.3436

■ 26.2691, 0.2819,
0.3364

■ 23.9038, 0.2520,
0.3475

■ 27.3633, 0.2942,
0.3331

■ 23.3934, 0.2452,
0.3515

■ 28.6228, 0.3073,
0.3301

■ 23.0059, 0.2402,
0.3555

■ 30.0543, 0.3208,
0.3274

■ 22.7298, 0.2370,
0.3596

■ 31.6640, 0.3346,
0.3250

■ 22.5508, 0.2355,
0.3637

■ 33.4580, 0.3484,
0.3228

■ 22.4663, 0.2350,
0.3661

■ 35.4420, 0.3621,
0.3209

■ 37.6214, 0.3755,
0.3192

■ 40.0015, 0.3885,
0.3177

Harmonies

Analogous

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



25.3319, 0.2966, 0.3676



25.3319, 0.2706, 0.3399



25.3319, 0.2560, 0.3104

Triad

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



25.3319, 0.2706, 0.3399



25.3319, 0.2953, 0.2805



25.3319, 0.3729, 0.3667

Complementary

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



25.3319, 0.2706, 0.3399



15.7218, 0.3800, 0.3187

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.



25.3319, 0.3730, 0.3427



25.3319, 0.2706, 0.3399



25.3319, 0.3270, 0.2945

Square

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



25.3319, 0.2706, 0.3399



25.3319, 0.2697, 0.2779



25.3319, 0.3559, 0.3167



25.3319, 0.3560, 0.3824

Rectangle

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



25.3319, 0.2706, 0.3399



25.3319, 0.2541, 0.2944



25.3319, 0.3559, 0.3167



25.3319, 0.3749, 0.3593

Sweetspot

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



25.3329, 0.2706, 0.3399



49.8278, 0.2992, 0.3320



24.6537, 0.3147, 0.4250



11.3104, 0.2975, 0.3323



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.



25.3329, 0.2706, 0.3399



44.2417, 0.2627, 0.3428



20.2550, 0.2615, 0.2943



6.5504, 0.3005, 0.3317



19.4760, 0.2350, 0.3659



0.2411, 0.2294, 0.3460

Inverse Universe

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



15.7218, 0.3800, 0.3187



24.2940, 0.4031, 0.3163



19.3970, 0.3789, 0.3611



5.8260, 0.3265, 0.3264



5.4167, 0.6213, 0.3196



0.0685, 0.5504, 0.2806

Previews

White Background



This preview shows how the Yxy color 25.3319, 0.2706, 0.3399 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 25.3319, 0.2706, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

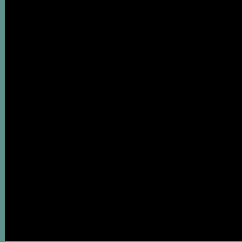
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3319, 0.2706, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 25.3319, 0.2706, 0.3399.



This preview shows how white text looks on a background with the Yxy color 25.3319, 0.2706, 0.3399.

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

25.3319, 0.2706, 0.3399

Protanopia

25.2160, 0.3181, 0.3324

Deuteranopia

25.0846, 0.3181, 0.3112



Tritanopia

25.4178, 0.2617, 0.3095

Trichromacy



Original Color

25.3319, 0.2706, 0.3399

Protanomaly

25.1410, 0.2987, 0.3360

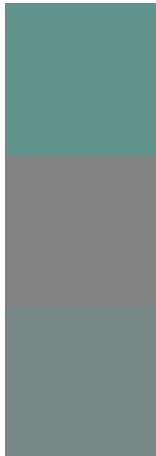
Deuteranomaly

24.8273, 0.2981, 0.3204

Tritanomaly

25.5015, 0.2650, 0.3199

Monochromacy



Original Color

25.3319, 0.2706, 0.3399

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.5625, 0.2953, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3319, 0.2706, 0.3399 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(97, 147, 141)` looks like.

```
.text, #text, p{  
    color:rgb(97, 147, 141)  
}
```

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(97, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 147, 141) }
```

Border

The CSS property to change the border of an element to Yxy 25.3319, 0.2706, 0.3399 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(97, 147, 141) }
```

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

```
.border{ border-color:rgb(97, 147, 141) }
```

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

Here you see how a box with a 4 pixel rgb(97, 147, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 147, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 147, 141);  
box-shadow:4px 4px 4px 4px rgb(97, 147,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3319, 0.2706, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 147, 141) }
```

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

```
.background{ background-color: rgb(97, 147,  
141) }
```

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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