

Converting Colors

$Y_{xy}(25.3949, 0.2916, 0.3374)$

Have a look what the booklet for
Yxy(25.3949, 0.2916, 0.3374)
contains.

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Color

$\text{Yxy}(25.3315, 0.2918, 0.3378)$

Conversions

Conversions Part 1

Format	Color
Hex	768F8A
RGB	118, 143, 138
RGB Percent	46%, 56%, 54%
CMY	0.5372, 0.4392, 0.4589
CMYK	0.17, 0.00, 0.04, 0.44
HSL	168°, 10%, 51%
HSV	168°, 17%, 56%
XYZ	21.8820, 25.3315, 27.7762
YIQ	134.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

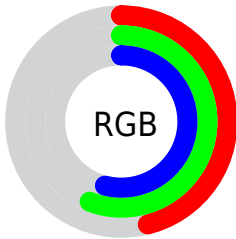
Format	Color
R_{YB}	118, 132, 143
Decimal	7769994
CIE _{Lab}	57.40, -9.92, -0.30
CIE _{LCh}	57, 9.926, 181.713
Yxy	25.3315, 0.2918, 0.3378
Android (android.graphics.Color)	4285960074 (0xFF768F8A)
YUV	134.9550, 1.5012, -14.8695
Hunter-Lab	50.3304, -10.4724, 2.5105

Details

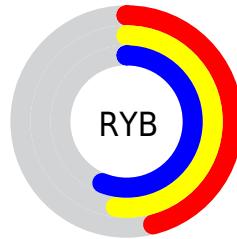
The Yxy color $25.3315, 0.2918, 0.3378$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.2313, 0.3387, 0.3204$, and the grayscale version is $24.2103, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2401, 0.2962, 0.3367$, and $9.7985, 0.2840, 0.3423$ is the 20% darker color. If you saturate the color by 10%, you get $24.3240, 0.2807, 0.3435$, and if you desaturate by 10%, it is $26.4951, 0.3036, 0.3326$.

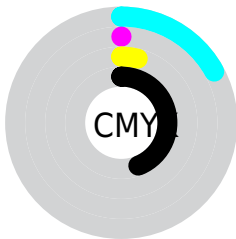
Distribution



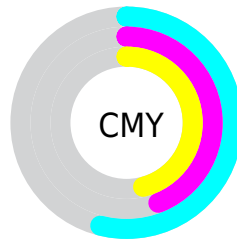
- Red (46%)
- Green (56%)
- Blue (54%)



- Red (46%)
- Yellow (52%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3315, 0.2918, 0.3378 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 25.3315, 0.2918, 0.3378 by changing the saturation by 10% instead.

■ 25.3315, 0.2918,
0.3378

■ 25.3315, 0.2918,
0.3378

279.4848, 0.3033,
0.3330

■ 16.3242, 0.2885,
0.3392

■ 52.1945, 0.2963,
0.3359

■ 9.7539, 0.2840,
0.3410

■ 70.8190, 0.2979,
0.3353

■ 5.2361, 0.2775,
0.3438

■ 93.4180, 0.2992,
0.3347

■ 2.3864, 0.2670,
0.3481

120.3760, 0.3003,
0.3343

■ 0.8189, 0.2365,
0.3612

152.0772, 0.3012,
0.3339

■ 0.0000, 0.0000,
0.0000

188.9062, 0.3020,

0.3335

231.2473, 0.3027,
0.3332

■ 25.3315, 0.2918,
0.3378

■ 25.3315, 0.2918,
0.3378

■ 24.3240, 0.2807,
0.3435

■ 26.4951, 0.3036,
0.3326

■ 23.4625, 0.2706,
0.3496

■ 27.8181, 0.3158,
0.3278

■ 22.7409, 0.2618,
0.3560

■ 29.3075, 0.3283,
0.3236

■ 22.1511, 0.2544,
0.3628

■ 30.9691, 0.3409,
0.3198

■ 21.6843, 0.2488,
0.3698

■ 32.8082, 0.3533,
0.3164

■ 21.3307, 0.2449,
0.3769

■ 34.8301, 0.3654,
0.3134

■ 21.0787, 0.2429,
0.3840

■ 37.0398, 0.3772,
0.3109

■ 20.9072, 0.2425,
0.3911

■ 39.4420, 0.3886,
0.3086

■ 20.8672, 0.2425,
0.3929

■ 42.0415, 0.3995,
0.3067

Harmonies

Analogous

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



25.3315, 0.3071, 0.3514



25.3315, 0.2918, 0.3378



25.3315, 0.2822, 0.3220

Triad

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



25.3315, 0.2918, 0.3378



25.3315, 0.3007, 0.3012



25.3315, 0.3459, 0.3482

Complementary

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



25.3315, 0.2918, 0.3378



20.2313, 0.3387, 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.



25.3315, 0.3442, 0.3346



25.3315, 0.2918, 0.3378



25.3315, 0.3177, 0.3080

Square

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



25.3315, 0.2918, 0.3378



25.3315, 0.2872, 0.3013



25.3315, 0.3338, 0.3201



25.3315, 0.3385, 0.3571

Rectangle

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



25.3315, 0.2918, 0.3378



25.3315, 0.2802, 0.3126



25.3315, 0.3338, 0.3201



25.3315, 0.3464, 0.3440

Sweetspot

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



25.3326, 0.2918, 0.3378



47.9822, 0.3065, 0.3314



25.1963, 0.3164, 0.3738



10.9704, 0.3057, 0.3317



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.



25.3326, 0.2918, 0.3378



44.6162, 0.2873, 0.3400



23.4223, 0.2867, 0.3164



6.0980, 0.3015, 0.3334



18.4533, 0.2424, 0.3926



0.1795, 0.2330, 0.3589

Inverse Universe

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



20.2313, 0.3387, 0.3204



33.7068, 0.3460, 0.3183



21.8396, 0.3429, 0.3413



5.4407, 0.3252, 0.3246



5.2430, 0.6018, 0.3089



0.0527, 0.5065, 0.2564

Previews

White Background



This preview shows how the Yxy color 25.3315, 0.2918, 0.3378 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 25.3315, 0.2918, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

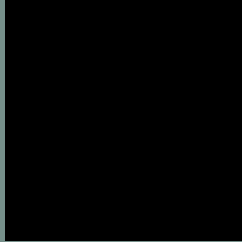
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3315, 0.2918, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 25.3315, 0.2918, 0.3378.



This preview shows how white text looks on a background with the Yxy color 25.3315, 0.2918, 0.3378.

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

25.3315, 0.2918, 0.3378

Protanopia

25.3033, 0.3192, 0.3324

Deuteranopia

25.1525, 0.3246, 0.3177



Tritanopia

25.3817, 0.2820, 0.3101

Trichromacy



Original Color

25.3315, 0.2918, 0.3378

Protanomaly

25.2294, 0.3092, 0.3341

Deuteranomaly

25.1587, 0.3118, 0.3256

Tritanomaly

25.4457, 0.2855, 0.3203

Monochromacy



Original Color

25.3315, 0.2918, 0.3378

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6217, 0.3050, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3315, 0.2918, 0.3378 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(118, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(118, 143, 138)  
}
```

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(118, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 143, 138) }
```

Border

The CSS property to change the border of an element to Yxy 25.3315, 0.2918, 0.3378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

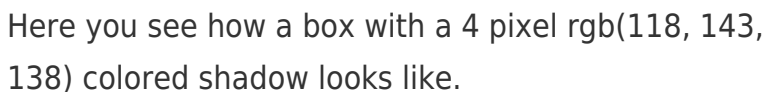
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 143, 138) }
```

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

```
.border{ border-color:rgb(118, 143, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 143, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 143, 138); box-shadow:4px 4px 4px 4px rgb(118, 143, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3315, 0.2918, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 143, 138) }
```

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

```
.background{ background-color: rgb(118,  
143, 138) }
```

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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