

Converting Colors

$Y_{xy}(25.0389, 0.3088, 0.3432)$

Have a look what the booklet for
Yxy(25.0389, 0.3088, 0.3432)
contains.

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Color

Yxy(25.0892, 0.3088, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	818C84
RGB	129, 140, 132
RGB Percent	51%, 55%, 52%
CMY	0.4942, 0.4509, 0.4823
CMYK	0.08, 0.00, 0.06, 0.45
HSL	136°, 5%, 53%
HSV	136°, 8%, 55%
XYZ	22.5942, 25.0892, 25.4843
YIQ	135.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

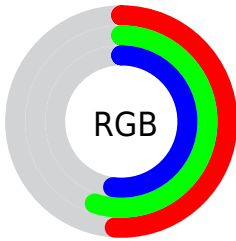
Format	Color
R_{YB}	129, 138, 140
Decimal	8490116
CIE Lab	57.16, -5.62, 2.89
CIE LCh	57, 6.319, 152.804
Yxy	25.0892, 0.3088, 0.3429
Android (android.graphics.Color)	4286680196 (0xFF818C84)
YUV	135.7990, -1.8729, -5.9627
Hunter-Lab	50.0891, -7.1382, 4.8969

Details

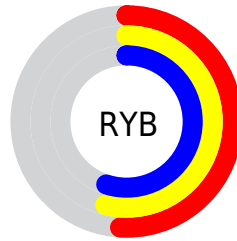
The Yxy color $25.0892, 0.3088, 0.3429$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.0769, 0.3169, 0.3155$, and the grayscale version is $24.5492, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0314, 0.3098, 0.3405$, and $9.6423, 0.3071, 0.3473$ is the 20% darker color. If you saturate the color by 10%, you get $23.8035, 0.3038, 0.3625$, and if you desaturate by 10%, it is $26.5544, 0.3138, 0.3255$.

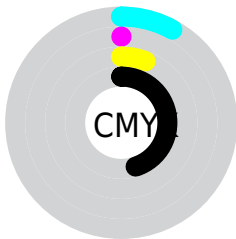
Distribution



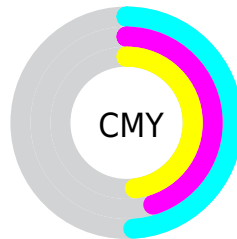
- Red (51%)
- Green (55%)
- Blue (52%)



- Red (51%)
- Yellow (54%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)





- Cyan (49%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0892, 0.3088, 0.3429 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 25.0892, 0.3088, 0.3429 by changing the saturation by 10% instead.


 25.0892, 0.3088,
0.3429

 25.0892, 0.3088,
0.3429


278.2819, 0.3110,
0.3352


 16.1435, 0.3082,
0.3451


 51.8019, 0.3097,
0.3399

 9.6258, 0.3073,
0.3483


 70.3377, 0.3100,
0.3388

 5.1515, 0.3059,
0.3529

 92.8390, 0.3102,
0.3379

 2.3365, 0.3037,
0.3604

119.6902, 0.3104,
0.3372

 0.7929, 0.2977,
0.3829

151.2757, 0.3106,
0.3366

 0.0000, 0.0000,
0.0000

187.9799, 0.3108,

0.3360

230.1871, 0.3109,
0.3356

■ 25.0892, 0.3088,
0.3429

■ 25.0892, 0.3088,
0.3429

■ 23.8035, 0.3038,
0.3625

■ 26.5544, 0.3138,
0.3255

■ 22.6871, 0.2990,
0.3843

■ 28.2023, 0.3186,
0.3101

■ 21.7339, 0.2946,
0.4082

■ 30.0401, 0.3233,
0.2967

■ 20.9361, 0.2908,
0.4339

■ 32.0736, 0.3277,
0.2850

■ 20.2852, 0.2878,
0.4606

■ 34.3085, 0.3319,
0.2747

■ 19.7718, 0.2861,
0.4876

■ 36.7501, 0.3359,
0.2658

■ 19.3855, 0.2857,
0.5136

■ 39.4036, 0.3396,
0.2581

■ 19.1144, 0.2868,
0.5373

■ 42.2739, 0.3430,
0.2513

■ 18.9351, 0.2890,
0.5578

■ 45.3659, 0.3462,
0.2454

Harmonies

Analogous

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



25.0892, 0.3197, 0.3476



25.0892, 0.3088, 0.3429



25.0892, 0.2990, 0.3343

Triad

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



25.0892, 0.3088, 0.3429



25.0892, 0.2966, 0.3112



25.0892, 0.3329, 0.3331

Complementary

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



25.0892, 0.3088, 0.3429



23.0769, 0.3169, 0.3155

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.



25.0892, 0.3265, 0.3237



25.0892, 0.3088, 0.3429



25.0892, 0.3055, 0.3111

Square

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



25.0892, 0.3088, 0.3429



25.0892, 0.2921, 0.3159



25.0892, 0.3164, 0.3157



25.0892, 0.3338, 0.3417

Rectangle

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



25.0892, 0.3088, 0.3429



25.0892, 0.2945, 0.3276



25.0892, 0.3164, 0.3157



25.0892, 0.3313, 0.3300

Sweetspot

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



25.0903, 0.3088, 0.3429



45.6970, 0.3117, 0.3325



25.6671, 0.3207, 0.3478



10.5377, 0.3118, 0.3322



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.0903, 0.3088, 0.3429



43.9145, 0.3081, 0.3454



25.2427, 0.3035, 0.3334



5.6293, 0.3082, 0.3453



16.7957, 0.2892, 0.5609



0.1138, 0.2674, 0.4828

Inverse Universe

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



23.0769, 0.3169, 0.3155



39.8093, 0.3176, 0.3132



22.9250, 0.3228, 0.3246



5.1059, 0.3176, 0.3133



5.8020, 0.4025, 0.1991



0.0410, 0.3581, 0.1747

Previews

White Background



This preview shows how the Yxy color 25.0892, 0.3088, 0.3429 looks on a white background.

Color Contrast Check

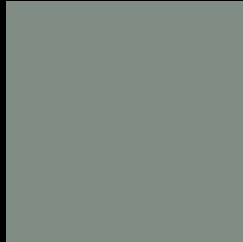
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0892, 0.3088, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

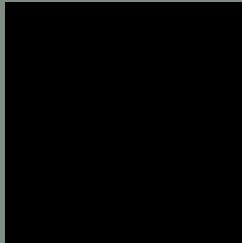
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

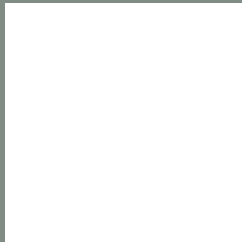
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0892, 0.3088, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 25.0892, 0.3088, 0.3429.



This preview shows how white text looks on a background with the Yxy color 25.0892, 0.3088, 0.3429.

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

25.0892, 0.3088, 0.3429

Protanopia

24.8827, 0.3246, 0.3392

Deuteranopia

25.1717, 0.3335, 0.3274



Tritanopia

25.2206, 0.2964, 0.3122

Trichromacy



Original Color

25.0892, 0.3088, 0.3429

Protanomaly

24.8484, 0.3189, 0.3392

Deuteranomaly

25.2311, 0.3249, 0.3340

Tritanomaly

25.2435, 0.3012, 0.3239

Monochromacy



Original Color

25.0892, 0.3088, 0.3429

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6271, 0.3104, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0892, 0.3088, 0.3429 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(129, 140, 132)` looks like.

```
.text, #text, p{  
    color:rgb(129, 140, 132)  
}
```

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(129, 140, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 140, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.0892, 0.3088, 0.3429 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(129, 140, 132) }
```

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

```
.border{ border-color:rgb(129, 140, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 140, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 140, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 140, 132);  
box-shadow:4px 4px 4px 4px rgb(129, 140,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0892, 0.3088, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 140, 132) }
```

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

```
.background{ background-color: rgb(129,  
140, 132) }
```

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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