

Converting Colors

$Y_{xy}(25.2471, 0.2657, 0.3447)$

Have a look what the booklet for
Yxy(25.2471, 0.2657, 0.3447)
contains.

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Color

$Y_{xy}(25.1971, 0.2653, 0.3438)$

Conversions

Conversions Part 1

Format	Color
Hex	59948C
RGB	89, 148, 140
RGB Percent	35%, 58%, 55%
CMY	0.6509, 0.4196, 0.4510
CMYK	0.40, 0.00, 0.05, 0.42
HSL	172°, 25%, 46%
HSV	172°, 40%, 58%
XYZ	19.4438, 25.1971, 28.6491
YIQ	129.4470, -32.5960, -14.9960

Conversions

Conversions Part 2

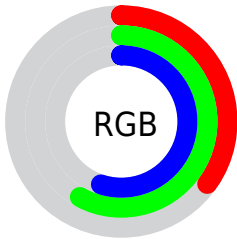
Format	Color
R_{YB}	89, 121, 148
Decimal	5870732
CIE _{Lab}	57.27, -21.19, -1.84
CIE _{LCh}	57, 21.273, 184.951
Yxy	25.1971, 0.2653, 0.3438
Android (android.graphics.Color)	4284060812 (0xFF59948C)
YUV	129.4470, 5.2026, -35.4720
Hunter-Lab	50.1967, -18.7018, 1.2988

Details

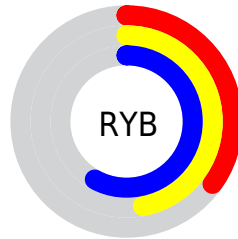
The Yxy color **25.1971, 0.2653, 0.3438** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.3058, 0.3954, 0.3153**, and the grayscale version is **22.1091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8421, 0.2757, 0.3411**, and **9.6809, 0.2481, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **24.4793, 0.2562, 0.3481**, and if you desaturate by 10%, it is **26.0652, 0.2758, 0.3397**.

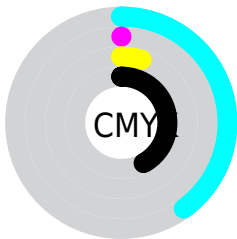
Distribution



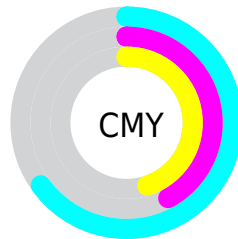
- Red (35%)
- Green (58%)
- Blue (55%)



- Red (35%)
- Yellow (47%)
- Blue (58%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)





- Cyan (65%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1971, 0.2653, 0.3438 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 25.1971, 0.2653, 0.3438 by changing the saturation by 10% instead.


 25.1971, 0.2653,
0.3438


 25.1971, 0.2653,
0.3438


278.8181, 0.2912,
0.3359


 16.2240, 0.2580,
0.3460


 51.9768, 0.2753,
0.3408


 9.6828, 0.2480,
0.3489


 70.5521, 0.2789,
0.3397

 5.1891, 0.2336,
0.3530

 93.0970, 0.2819,
0.3388

 2.3587, 0.2112,
0.3591

 119.9958, 0.2843,
0.3380

 0.8045, 0.1202,
0.3912

151.6329, 0.2864,
0.3374

 0.0000, 0.0000,
0.0000

188.3927, 0.2883,

0.3368

230.6597, 0.2899,
0.3363

■ 25.1971, 0.2653,
0.3438

■ 25.1971, 0.2653,
0.3438

■ 24.4793, 0.2562,
0.3481

■ 26.0652, 0.2758,
0.3397

■ 23.8998, 0.2488,
0.3527

■ 27.0888, 0.2874,
0.3358

■ 23.4500, 0.2431,
0.3573

■ 28.2764, 0.2998,
0.3322

■ 23.1186, 0.2393,
0.3619

■ 29.6350, 0.3129,
0.3290

■ 22.8926, 0.2372,
0.3666

■ 31.1712, 0.3263,
0.3260

■ 22.7390, 0.2365,
0.3712

■ 32.8915, 0.3399,
0.3233

■ 22.7369, 0.2365,
0.3713

■ 34.8016, 0.3535,
0.3210

■ 36.9074, 0.3668,
0.3189

■ 39.2143, 0.3798,
0.3172

Harmonies

Analogous

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



25.1971, 0.2959, 0.3761



25.1971, 0.2653, 0.3438



25.1971, 0.2476, 0.3089

Triad

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



25.1971, 0.2653, 0.3438



25.1971, 0.2902, 0.2725



25.1971, 0.3835, 0.3708

Complementary

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



25.1971, 0.2653, 0.3438



14.3058, 0.3954, 0.3153

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.



25.1971, 0.3825, 0.3425



25.1971, 0.2653, 0.3438



25.1971, 0.3268, 0.2878

Square

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



25.1971, 0.2653, 0.3438



25.1971, 0.2613, 0.2702



25.1971, 0.3613, 0.3128



25.1971, 0.3646, 0.3904

Rectangle

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



25.1971, 0.2653, 0.3438



25.1971, 0.2449, 0.2900



25.1971, 0.3613, 0.3128



25.1971, 0.3855, 0.3619

Sweetspot

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



25.1981, 0.2653, 0.3438



49.3653, 0.2968, 0.3331



24.4906, 0.3157, 0.4439



11.2125, 0.2953, 0.3335



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.



25.1981, 0.2653, 0.3438



43.2953, 0.2570, 0.3477



19.5331, 0.2533, 0.2893



6.5488, 0.3007, 0.3320



19.4234, 0.2364, 0.3710



0.2407, 0.2301, 0.3484

Inverse Universe

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



14.3058, 0.3954, 0.3153



21.2857, 0.4252, 0.3124



18.0955, 0.3945, 0.3651



5.8274, 0.3262, 0.3260



5.4236, 0.6181, 0.3179



0.0689, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 25.1971, 0.2653, 0.3438 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 25.1971, 0.2653, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

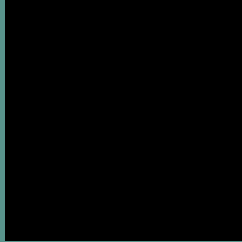
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

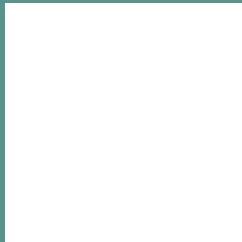
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1971, 0.2653, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 25.1971, 0.2653, 0.3438.



This preview shows how white text looks on a background with the Yxy color 25.1971, 0.2653, 0.3438.

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

25.1971, 0.2653, 0.3438

Protanopia

24.8772, 0.3203, 0.3341

Deuteranopia

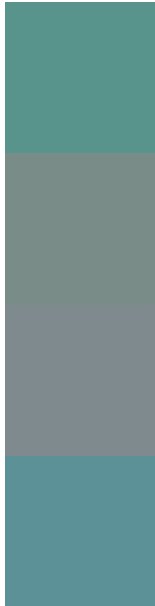
24.9613, 0.3180, 0.3128



Tritanopia

25.0648, 0.2555, 0.3074

Trichromacy



Original Color

25.1971, 0.2653, 0.3438

Protanomaly

24.5987, 0.2965, 0.3360

Deuteranomaly

24.5656, 0.2959, 0.3220

Tritanomaly

25.0674, 0.2587, 0.3198

Monochromacy



Original Color

25.1971, 0.2653, 0.3438

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.8792, 0.2920, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1971, 0.2653, 0.3438 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(89, 148, 140)` looks like.

```
.text, #text, p{  
    color:rgb(89, 148, 140)  
}
```

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(89, 148, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 148, 140) }
```

Border

The CSS property to change the border of an element to Yxy 25.1971, 0.2653, 0.3438 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(89, 148, 140) }
```

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

```
.border{ border-color:rgb(89, 148, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 148, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 148, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 148, 140);  
box-shadow:4px 4px 4px 4px rgb(89, 148,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1971, 0.2653, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 148, 140) }
```

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

```
.background{ background-color: rgb(89, 148,  
140) }
```

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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