

Converting Colors

$Y_{xy}(25.1783, 0.3012, 0.3952)$

Have a look what the booklet for
Yxy(25.1783, 0.3012, 0.3952)
contains.

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Color

$\text{Yxy}(25.3151, 0.3008, 0.3950)$

Conversions

Conversions Part 1

Format	Color
Hex	689471
RGB	104, 148, 113
RGB Percent	41%, 58%, 44%
CMY	0.5922, 0.4196, 0.5568
CMYK	0.30, 0.00, 0.24, 0.42
HSL	132°, 17%, 49%
HSV	132°, 30%, 58%
XYZ	19.2779, 25.3151, 19.4958
YIQ	130.8540, -14.9890, -20.2130

Conversions

Conversions Part 2

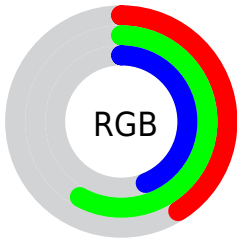
Format	Color
R_{YB}	104, 141, 148
Decimal	6853745
CIE _{Lab}	57.38, -22.53, 13.79
CIE _{LCh}	57, 26.413, 148.520
Yxy	25.3151, 0.3008, 0.3950
Android (android.graphics.Color)	4285043825 (0xFF689471)
YUV	130.8540, -8.8020, -23.5510
Hunter-Lab	50.3141, -19.6572, 12.2461

Details

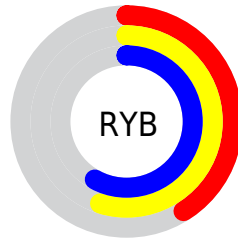
The Yxy color **25.3151, 0.3008, 0.3950** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0561, 0.3275, 0.2710**, and the grayscale version is **22.6773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0256, 0.3036, 0.3795**, and **9.7433, 0.2949, 0.4223** is the 20% darker color. If you saturate the color by 10%, you get **24.2590, 0.2972, 0.4219**, and if you desaturate by 10%, it is **26.5631, 0.3047, 0.3704**.

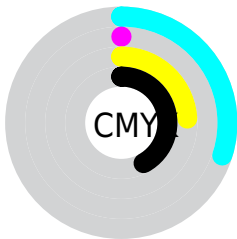
Distribution



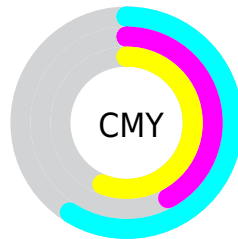
- Red (41%)
- Green (58%)
- Blue (44%)



- Red (41%)
- Yellow (55%)
- Blue (58%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)





- Cyan (59%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3151, 0.3008, 0.3950 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 25.3151, 0.3008, 0.3950 by changing the saturation by 10% instead.


 25.3151, 0.3008,
0.3950


 25.3151, 0.3008,
0.3950


279.4035, 0.3080,
0.3573


 16.3120, 0.2984,
0.4064


 52.1679, 0.3038,
0.3799


 9.7452, 0.2948,
0.4225


 70.7865, 0.3048,
0.3747

 5.2303, 0.2890,
0.4469

 93.3789, 0.3056,
0.3705

 2.3830, 0.2783,
0.4881

 120.3296, 0.3063,
0.3669

 0.8171, 0.2172,
0.7828

152.0231, 0.3069,
0.3640

 0.0000, 0.0000,
0.0000

188.8436, 0.3073,

0.3614

231.1756, 0.3077,
0.3592

■ 25.3151, 0.3008,
0.3950

■ 25.3151, 0.3008,
0.3950

■ 24.2590, 0.2972,
0.4219

■ 26.5631, 0.3047,
0.3704

■ 23.3822, 0.2941,
0.4504

■ 28.0087, 0.3088,
0.3482

■ 22.6754, 0.2918,
0.4797

■ 29.6611, 0.3128,
0.3285

■ 22.1275, 0.2905,
0.5084

■ 31.5280, 0.3167,
0.3112

■ 21.7257, 0.2905,
0.5350

■ 33.6168, 0.3205,
0.2962

■ 21.4552, 0.2917,
0.5580

■ 35.9346, 0.3240,
0.2830

■ 21.2815, 0.2935,
0.5763

■ 38.4879, 0.3273,
0.2716

■ 21.2775, 0.2935,
0.5767

■ 41.2833, 0.3304,
0.2617

■ 44.3268, 0.3332,
0.2532

Harmonies

Analogous

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



25.3151, 0.3456, 0.4108



25.3151, 0.3008, 0.3950



25.3151, 0.2611, 0.3568

Triad

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



25.3151, 0.3008, 0.3950



25.3151, 0.2442, 0.2586



25.3151, 0.3958, 0.3367

Complementary

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



25.3151, 0.3008, 0.3950



18.0561, 0.3275, 0.2710

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.



25.3151, 0.3646, 0.3016



25.3151, 0.3008, 0.3950



25.3151, 0.2759, 0.2582

Square

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



25.3151, 0.3008, 0.3950



25.3151, 0.2302, 0.2769



25.3151, 0.3198, 0.2737



25.3151, 0.4024, 0.3724

Rectangle

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



25.3151, 0.3008, 0.3950



25.3151, 0.2423, 0.3266



25.3151, 0.3198, 0.2737



25.3151, 0.3877, 0.3246

Sweetspot

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



25.3162, 0.3008, 0.3950



49.5708, 0.3090, 0.3470



27.6872, 0.3463, 0.4034



11.2325, 0.3085, 0.3498



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.



25.3162, 0.3008, 0.3950



43.3301, 0.2982, 0.4135



25.8673, 0.2819, 0.3530



6.4867, 0.3090, 0.3471



18.1760, 0.2933, 0.5758



0.2260, 0.2743, 0.5074

Inverse Universe

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



18.0561, 0.3275, 0.2710



28.3056, 0.3318, 0.2573



17.4815, 0.3573, 0.3064



5.8890, 0.3167, 0.3116



6.4916, 0.3791, 0.1862



0.0836, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 25.3151, 0.3008, 0.3950 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 25.3151, 0.3008, 0.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

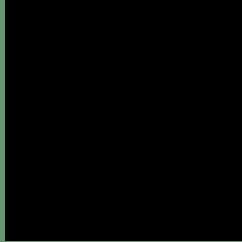
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3151, 0.3008, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 25.3151, 0.3008, 0.3950.



This preview shows how white text looks on a background with the Yxy color 25.3151, 0.3008, 0.3950.

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

25.3151, 0.3008, 0.3950

Protanopia

25.0850, 0.3541, 0.3779

Deuteranopia

25.0326, 0.3615, 0.3548



Tritanopia

25.4228, 0.2722, 0.3098

Trichromacy



Original Color

25.3151, 0.3008, 0.3950

Protanomaly

25.0008, 0.3332, 0.3838

Deuteranomaly

24.8180, 0.3368, 0.3688

Tritanomaly

25.3661, 0.2825, 0.3397

Monochromacy



Original Color

25.3151, 0.3008, 0.3950

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.4115, 0.3083, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3151, 0.3008, 0.3950 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(104, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(104, 148, 113)  
}
```

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(104, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 148, 113) }
```

Border

The CSS property to change the border of an element to Yxy 25.3151, 0.3008, 0.3950 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(104, 148, 113) }
```

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

```
.border{ border-color:rgb(104, 148, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 148, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(104, 148,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3151, 0.3008, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 148, 113) }
```

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

```
.background{ background-color: rgb(104,  
148, 113) }
```

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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