

Converting Colors

$Yxy(24.0410, 0.3062, 0.3848)$

Have a look what the booklet for
Yxy(24.0410, 0.3062, 0.3848)
contains.

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Color

$\text{Yxy}(24.0884, 0.3059, 0.3856)$

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 6D8F71 |
| RGB | 109, 143, 113 |
| RGB Percent | 43%, 56%, 44% |
| CMY | 0.5726, 0.4392, 0.5568 |
| CMYK | 0.24, 0.00, 0.21, 0.44 |
| HSL | 127°, 13%, 49% |
| HSV | 127°, 24%, 56% |
| XYZ | 19.1095, 24.0884, 19.2720 |
| YIQ | 129.4140, -10.6340, -16.5380 |

Conversions

Conversions Part 2

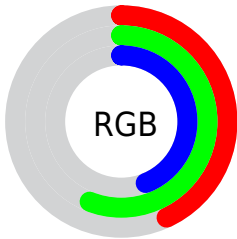
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 109, 139, 143 |
| Decimal | 7180145 |
| CIE _{Lab} | 56.18, -18.19, 12.15 |
| CIE _{LCh} | 56, 21.874, 146.261 |
| Yxy | 24.0884, 0.3059, 0.3856 |
| Android (android.graphics.Color) | 4285370225 (0xFF6D8F71) |
| YUV | 129.4140, -8.0921, -17.9031 |
| Hunter-Lab | 49.0799, -16.3899, 11.0749 |

Details

The Yxy color $24.0884, 0.3059, 0.3856$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.6376, 0.3203, 0.2783$, and the grayscale version is $22.1378, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2262, 0.3076, 0.3726$, and $9.1710, 0.3016, 0.4109$ is the 20% darker color. If you saturate the color by 10%, you get $22.9907, 0.3031, 0.4140$, and if you desaturate by 10%, it is $25.3752, 0.3088, 0.3599$.

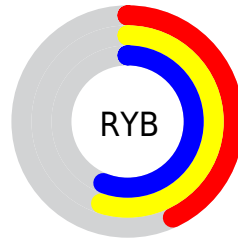
Distribution



Red (43%)

Green (56%)

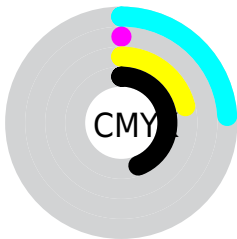
Blue (44%)



Red (43%)

Yellow (55%)

Blue (56%)

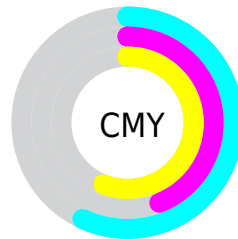


Cyan (24%)

Magenta (0%)

Yellow (21%)

Black (44%)



Cyan (57%)


Magenta (44%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0884, 0.3059, 0.3856 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 24.0884, 0.3059, 0.3856 by changing the saturation by 10% instead.


 24.0884, 0.3059,
0.3856

 24.0884, 0.3059,
0.3856


273.2671, 0.3102,
0.3532


 15.3992, 0.3044,
0.3954


 50.1744, 0.3077,
0.3726


 9.1000, 0.3021,
0.4094


 68.3400, 0.3083,
0.3682

 4.8065, 0.2984,
0.4307

 90.4332, 0.3088,
0.3645

 2.1342, 0.2910,
0.4668

 116.8385, 0.3092,
0.3615

 0.6837, 0.2314,
0.7686

147.9400, 0.3095,
0.3589

 0.0000, 0.0000,
0.0000

184.1224, 0.3098,

0.3567

225.7700, 0.3100,
0.3549

■ 24.0884, 0.3059,
0.3856

■ 24.0884, 0.3059,
0.3856

■ 22.9907, 0.3031,
0.4140

■ 25.3752, 0.3088,
0.3599

■ 22.0701, 0.3004,
0.4445

■ 26.8561, 0.3117,
0.3370

■ 21.3184, 0.2982,
0.4761

■ 28.5398, 0.3144,
0.3168

■ 20.7252, 0.2966,
0.5074

■ 30.4337, 0.3170,
0.2992

■ 20.2789, 0.2957,
0.5365

■ 32.5445, 0.3194,
0.2840

■ 19.9667, 0.2958,
0.5613

■ 34.8790, 0.3216,
0.2708

■ 19.7729, 0.2966,
0.5803

■ 37.4433, 0.3237,
0.2594

■ 19.6866, 0.2970,
0.5891

■ 40.2436, 0.3255,
0.2496

■ 43.2858, 0.3272,
0.2410

Harmonies

Analogous

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



24.0884, 0.3437, 0.3976



24.0884, 0.3059, 0.3856



24.0884, 0.2714, 0.3551

Triad

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



24.0884, 0.3059, 0.3856



24.0884, 0.2530, 0.2699



24.0884, 0.3811, 0.3338

Complementary

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



24.0884, 0.3059, 0.3856



18.6376, 0.3203, 0.2783

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.



24.0884, 0.3539, 0.3038



24.0884, 0.3059, 0.3856



24.0884, 0.2793, 0.2680

Square

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



24.0884, 0.3059, 0.3856



24.0884, 0.2422, 0.2871



24.0884, 0.3160, 0.2803



24.0884, 0.3886, 0.3644

Rectangle

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



24.0884, 0.3059, 0.3856



24.0884, 0.2545, 0.3302



24.0884, 0.3160, 0.2803



24.0884, 0.3739, 0.3234

Sweetspot

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



24.0894, 0.3059, 0.3856



47.1610, 0.3107, 0.3443



26.2421, 0.3428, 0.3871



10.7841, 0.3106, 0.3455



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.



24.0894, 0.3059, 0.3856



41.9517, 0.3042, 0.4018



24.5074, 0.2903, 0.3529



6.0392, 0.3101, 0.3490



17.4074, 0.2968, 0.5886



0.1681, 0.2840, 0.5422

Inverse Universe

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



18.6376, 0.3203, 0.2783



30.2904, 0.3225, 0.2657



18.1803, 0.3422, 0.3063



5.5002, 0.3154, 0.3098



6.4979, 0.3524, 0.1715



0.0641, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 24.0884, 0.3059, 0.3856 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 24.0884, 0.3059, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

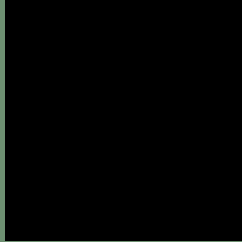
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0884, 0.3059, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 24.0884, 0.3059, 0.3856.



This preview shows how white text looks on a background with the Yxy color 24.0884, 0.3059, 0.3856.

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

24.0884, 0.3059, 0.3856

Protanopia

23.9051, 0.3493, 0.3721

Deuteranopia

23.8315, 0.3578, 0.3505



Tritanopia

23.9917, 0.2785, 0.3096

Trichromacy



Original Color

24.0884, 0.3059, 0.3856

Protanomaly

23.7629, 0.3330, 0.3774

Deuteranomaly

23.6913, 0.3378, 0.3621

Tritanomaly

24.0445, 0.2885, 0.3362

Monochromacy



Original Color

24.0884, 0.3059, 0.3856

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.6178, 0.3106, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0884, 0.3059, 0.3856 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(109, 143, 113)` looks like.

```
.text, #text, p{  
    color:rgb(109, 143, 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(109, 143, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 143, 113) }
```

Border

The CSS property to change the border of an element to Yxy 24.0884, 0.3059, 0.3856 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(109, 143, 113) }
```

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

```
.border{ border-color:rgb(109, 143, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 143, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 143, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 143, 113);  
box-shadow:4px 4px 4px 4px rgb(109, 143,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0884, 0.3059, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 143, 113) }
```

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

```
.background{ background-color: rgb(109,  
143, 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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