

Converting Colors

$Y_{xy}(25.3483, 0.3078, 0.4025)$

Have a look what the booklet for
Yxy(25.3483, 0.3078, 0.4025)
contains.

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Color

$\text{Yxy}(25.4097, 0.3073, 0.4022)$

Conversions

Conversions Part 1

Format	Color
Hex	6B946D
RGB	107, 148, 109
RGB Percent	42%, 58%, 43%
CMY	0.5804, 0.4196, 0.5725
CMYK	0.28, 0.00, 0.26, 0.42
HSL	123°, 16%, 50%
HSV	123°, 28%, 58%
XYZ	19.4142, 25.4097, 18.3529
YIQ	131.2950, -11.9170, -20.8210

Conversions

Conversions Part 2

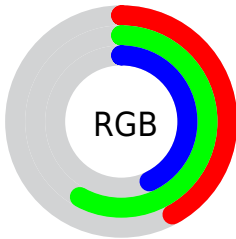
Format	Color
RYB	107, 146, 148
Decimal	7050349
CIELab	57.47, -22.23, 16.20
CIELCh	57, 27.504, 143.919
Yxy	25.4097, 0.3073, 0.4022
Android (android.graphics.Color)	4285240429 (0xFF6B946D)
YUV	131.2950, -10.9914, -21.3067
Hunter-Lab	50.4080, -19.4663, 13.6990

Details

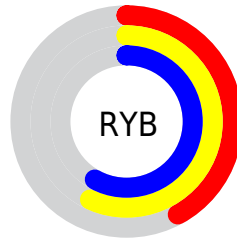
The Yxy color $25.4097, 0.3073, 0.4022$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.8868, 0.3183, 0.2653$, and the grayscale version is $22.8521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1852, 0.3086, 0.3848$, and $9.7859, 0.3038, 0.4332$ is the 20% darker color. If you saturate the color by 10%, you get $24.2913, 0.3052, 0.4339$, and if you desaturate by 10%, it is $26.7358, 0.3093, 0.3731$.

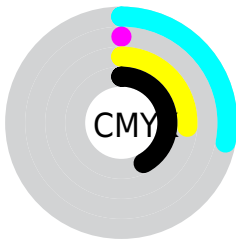
Distribution



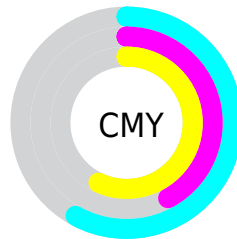
- Red (42%)
- Green (58%)
- Blue (43%)



- Red (42%)
- Yellow (57%)
- Blue (58%)



- Cyan (28%)
- Magenta (0%)
- Yellow (26%)
- Black (42%)





- Cyan (58%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4097, 0.3073, 0.4022 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 25.4097, 0.3073, 0.4022 by changing the saturation by 10% instead.


 25.4097, 0.3073,
0.4022


 25.4097, 0.3073,
0.4022


279.8722, 0.3111,
0.3604

 16.3826, 0.3058,
0.4149


 52.3211, 0.3090,
0.3855


 9.7953, 0.3034,
0.4327

 70.9741, 0.3096,
0.3797

 5.2634, 0.2992,
0.4597

 93.6046, 0.3100,
0.3750

 2.4026, 0.2905,
0.5049

 120.5969, 0.3103,
0.3711

 0.8272, 0.2275,
0.7725

152.3354, 0.3106,
0.3678

 0.0000, 0.0000,
0.0000

189.2045, 0.3108,

0.3649

231.5887, 0.3110,
0.3625

■ 25.4097, 0.3073,
0.4022

■ 25.4097, 0.3073,
0.4022

■ 24.2913, 0.3052,
0.4339

■ 26.7358, 0.3093,
0.3731

■ 23.3670, 0.3033,
0.4673

■ 28.2760, 0.3113,
0.3470

■ 22.6269, 0.3015,
0.5009

■ 30.0403, 0.3131,
0.3240

■ 22.0585, 0.3002,
0.5324

■ 32.0372, 0.3148,
0.3040

■ 21.6479, 0.2993,
0.5596

■ 34.2747, 0.3163,
0.2866

■ 21.3793, 0.2990,
0.5804

■ 36.7605, 0.3177,
0.2717

■ 21.2254, 0.2990,
0.5937

■ 39.5018, 0.3189,
0.2589

■ 21.1964, 0.2989,
0.5960

■ 42.5056, 0.3200,
0.2478

■ 45.7788, 0.3210,
0.2382

Harmonies

Analogous

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



25.4097, 0.3536, 0.4142



25.4097, 0.3073, 0.4022



25.4097, 0.2645, 0.3649

Triad

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



25.4097, 0.3073, 0.4022



25.4097, 0.2382, 0.2576



25.4097, 0.3956, 0.3310

Complementary

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



25.4097, 0.3073, 0.4022



18.8868, 0.3183, 0.2653

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.



25.4097, 0.3601, 0.2955



25.4097, 0.3073, 0.4022



25.4097, 0.2684, 0.2545

Square

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



25.4097, 0.3073, 0.4022



25.4097, 0.2268, 0.2793



25.4097, 0.3126, 0.2683



25.4097, 0.4067, 0.3684

Rectangle

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



25.4097, 0.3073, 0.4022



25.4097, 0.2434, 0.3335



25.4097, 0.3126, 0.2683



25.4097, 0.3860, 0.3186

Sweetspot

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



25.4108, 0.3073, 0.4022



49.7574, 0.3112, 0.3481



28.4114, 0.3517, 0.3963



11.2667, 0.3109, 0.3516



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.



25.4108, 0.3073, 0.4022



43.6157, 0.3061, 0.4208



25.8878, 0.2897, 0.3640



6.4728, 0.3110, 0.3507



18.1058, 0.2988, 0.5956



0.2225, 0.2929, 0.5745

Inverse Universe

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



18.8868, 0.3183, 0.2653



30.2205, 0.3196, 0.2517



18.3217, 0.3440, 0.2966



5.9043, 0.3144, 0.3082



7.0148, 0.3333, 0.1610



0.0871, 0.3266, 0.1573

Previews

White Background



This preview shows how the Yxy color 25.4097, 0.3073, 0.4022 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 25.4097, 0.3073, 0.4022 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 25.4097, 0.3073, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 25.4097, 0.3073, 0.4022.



This preview shows how white text looks on a background with the Yxy color 25.4097, 0.3073, 0.4022.

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

25.4097, 0.3073, 0.4022

Protanopia

25.0938, 0.3597, 0.3844

Deuteranopia

25.1460, 0.3686, 0.3610



Tritanopia

25.3239, 0.2747, 0.3082

Trichromacy



Original Color

25.4097, 0.3073, 0.4022

Protanomaly

24.9959, 0.3384, 0.3908

Deuteranomaly

24.9874, 0.3446, 0.3753

Tritanomaly

25.2262, 0.2860, 0.3397

Monochromacy



Original Color

25.4097, 0.3073, 0.4022

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.4590, 0.3104, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4097, 0.3073, 0.4022 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(107, 148, 109)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 109)  
}
```

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(107, 148, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 109) }
```

Border

The CSS property to change the border of an element to Yxy 25.4097, 0.3073, 0.4022 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(107, 148, 109) }
```

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

```
.border{ border-color:rgb(107, 148, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 148, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 148, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 148, 109); box-shadow:4px 4px 4px 4px rgb(107, 148, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4097, 0.3073, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 109) }
```

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

```
.background{ background-color: rgb(107,  
148, 109) }
```

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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