

Converting Colors

$Y_{xy}(23.9769, 0.3033, 0.3924)$

Have a look what the booklet for
Yxy(23.9769, 0.3033, 0.3924)
contains.

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Color

$Y_{xy}(24.0373, 0.3027, 0.3922)$

Conversions

Conversions Part 1

Format	Color
Hex	68906F
RGB	104, 144, 111
RGB Percent	41%, 56%, 44%
CMY	0.5921, 0.4353, 0.5647
CMYK	0.28, 0.00, 0.23, 0.44
HSL	130°, 16%, 49%
HSV	130°, 28%, 56%
XYZ	18.5520, 24.0373, 18.6991
YIQ	128.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

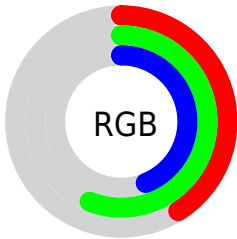
Format	Color
RYB	104, 138, 144
Decimal	6852719
CIELab	56.13, -20.85, 13.18
CIELCh	56, 24.666, 147.688
Yxy	24.0373, 0.3027, 0.3922
Android (android.graphics.Color)	4285042799 (0xFF68906F)
YUV	128.2780, -8.5181, -21.2918
Hunter-Lab	49.0278, -18.2549, 11.7065

Details

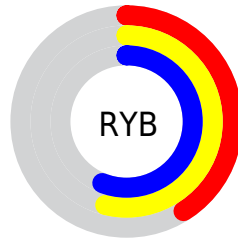
The Yxy color $24.0373, 0.3027, 0.3922$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.6388, 0.3247, 0.2731$, and the grayscale version is $21.7226, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1004, 0.3051, 0.3773$, and $8.9998, 0.2972, 0.4188$ is the 20% darker color. If you saturate the color by 10%, you get $23.0042, 0.2993, 0.4196$, and if you desaturate by 10%, it is $25.2545, 0.3063, 0.3671$.

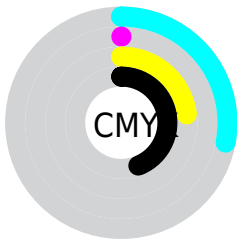
Distribution



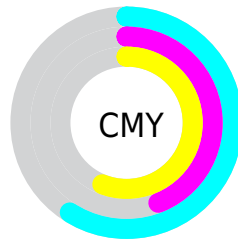
- Red (41%)
- Green (56%)
- Blue (44%)



- Red (41%)
- Yellow (54%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)




- Cyan (59%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0373, 0.3027, 0.3922 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 24.0373, 0.3027, 0.3922 by changing the saturation by 10% instead.


 24.0373, 0.3027,
0.3922


 24.0373, 0.3027,
0.3922


273.0090, 0.3089,
0.3559


 15.3613, 0.3006,
0.4033


 50.0911, 0.3053,
0.3776

 9.0733, 0.2974,
0.4191


 68.2376, 0.3062,
0.3726

 4.7891, 0.2922,
0.4432

 90.3098, 0.3069,
0.3685

 2.1240, 0.2822,
0.4844

 116.6920, 0.3074,
0.3651

 0.6781, 0.1666,
0.8334

147.7686, 0.3079,
0.3623

 0.0000, 0.0000,
0.0000

183.9241, 0.3083,

0.3598

225.5427, 0.3086,
0.3577

■ 24.0373, 0.3027,
0.3922

■ 24.0373, 0.3027,
0.3922

■ 23.0042, 0.2993,
0.4196

■ 25.2545, 0.3063,
0.3671

■ 22.1432, 0.2964,
0.4489

■ 26.6609, 0.3099,
0.3447

■ 21.4458, 0.2941,
0.4789

■ 28.2652, 0.3135,
0.3248

■ 20.9014, 0.2927,
0.5085

■ 30.0749, 0.3169,
0.3074

■ 20.4983, 0.2923,
0.5360

■ 32.0967, 0.3202,
0.2922

■ 20.2230, 0.2931,
0.5596

■ 34.3373, 0.3233,
0.2790

■ 20.0506, 0.2946,
0.5780

■ 36.8030, 0.3261,
0.2676

■ 20.0179, 0.2949,
0.5815

■ 39.4999, 0.3288,
0.2576

■ 42.4337, 0.3312,
0.2491

Harmonies

Analogous

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



24.0373, 0.3453, 0.4066



24.0373, 0.3027, 0.3922



24.0373, 0.2645, 0.3565

Triad

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



24.0373, 0.3027, 0.3922



24.0373, 0.2468, 0.2622



24.0373, 0.3910, 0.3356

Complementary

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



24.0373, 0.3027, 0.3922



17.6388, 0.3247, 0.2731

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.



24.0373, 0.3610, 0.3021



24.0373, 0.3027, 0.3922



24.0373, 0.2767, 0.2612

Square

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



24.0373, 0.3027, 0.3922



24.0373, 0.2339, 0.2803



24.0373, 0.3183, 0.2756



24.0373, 0.3981, 0.3698

Rectangle

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



24.0373, 0.3027, 0.3922



24.0373, 0.2463, 0.3280



24.0373, 0.3183, 0.2756



24.0373, 0.3832, 0.3240

Sweetspot

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



24.0383, 0.3027, 0.3922



46.9185, 0.3098, 0.3455



26.2936, 0.3456, 0.3977



10.6761, 0.3093, 0.3485



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.



24.0383, 0.3027, 0.3922



41.2820, 0.3007, 0.4081



24.5205, 0.2850, 0.3537



6.0438, 0.3094, 0.3477



17.4342, 0.2946, 0.5807



0.1690, 0.2775, 0.5191

Inverse Universe

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



17.6388, 0.3247, 0.2731



28.1662, 0.3278, 0.2611



17.1246, 0.3514, 0.3057



5.4951, 0.3162, 0.3110



6.3231, 0.3693, 0.1808



0.0632, 0.3429, 0.1662

Previews

White Background



This preview shows how the Yxy color 24.0373, 0.3027, 0.3922 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 24.0373, 0.3027, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

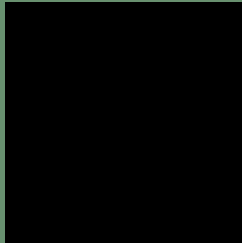
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0373, 0.3027, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 24.0373, 0.3027, 0.3922.



This preview shows how white text looks on a background with the Yxy color 24.0373, 0.3027, 0.3922.

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

24.0373, 0.3027, 0.3922

Protanopia

23.9304, 0.3539, 0.3771

Deuteranopia

23.7854, 0.3601, 0.3538



Tritanopia

24.0468, 0.2740, 0.3094

Trichromacy



Original Color

24.0373, 0.3027, 0.3922

Protanomaly

23.9268, 0.3337, 0.3829

Deuteranomaly

23.4767, 0.3376, 0.3660

Tritanomaly

24.0155, 0.2837, 0.3381

Monochromacy



Original Color

24.0373, 0.3027, 0.3922

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.3773, 0.3083, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0373, 0.3027, 0.3922 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, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(104, 144, 111)  
}
```

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, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 144, 111) }
```

Border

The CSS property to change the border of an element to Yxy 24.0373, 0.3027, 0.3922 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, 144, 111) }
```

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

```
.border{ border-color:rgb(104, 144, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 144, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 144, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 144, 111);  
box-shadow:4px 4px 4px 4px rgb(104, 144,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0373, 0.3027, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 144, 111) }
```

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

```
.background{ background-color: rgb(104,  
144, 111) }
```

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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