

Converting Colors

$Y_{xy}(22.6408, 0.2978, 0.4001)$

Have a look what the booklet for
Yxy(22.6408, 0.2978, 0.4001)
contains.

Yxy(22.7663, 0.2974, 0.4008)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(22.7663, 0.2974, 0.4008)$

Conversions

Conversions Part 1

Format	Color
Hex	5E8E6A
RGB	94, 142, 106
RGB Percent	37%, 56%, 42%
CMY	0.6313, 0.4431, 0.5843
CMYK	0.34, 0.00, 0.25, 0.44
HSL	135°, 20%, 46%
HSV	135°, 34%, 56%
XYZ	16.8930, 22.7663, 17.1429
YIQ	123.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

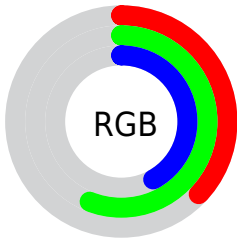
Format	Color
R_{YB}	94, 132, 142
Decimal	6196842
CIE _{Lab}	54.83, -24.18, 14.13
CIE _{LCh}	55, 28.008, 149.710
Yxy	22.7663, 0.2974, 0.4008
Android (android.graphics.Color)	4284386922 (0xFF5E8E6A)
YUV	123.5440, -8.6492, -25.9101
Hunter-Lab	47.7140, -20.3024, 12.0979

Details

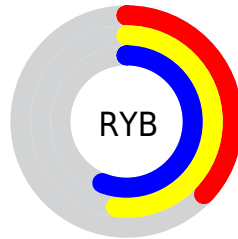
The Yxy color $22.7663, 0.2974, 0.4008$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.3725, 0.3329, 0.2667$, and the grayscale version is $20.0324, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.0252, 0.3017, 0.3845$, and $8.3558, 0.2890, 0.4302$ is the 20% darker color. If you saturate the color by 10%, you get $21.8761, 0.2935, 0.4267$, and if you desaturate by 10%, it is $23.8241, 0.3017, 0.3768$.

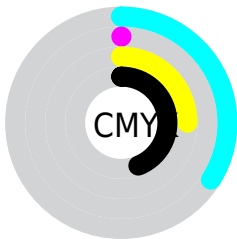
Distribution



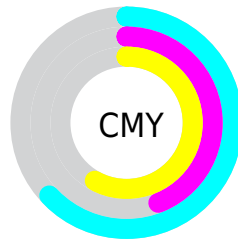
- Red (37%)
- Green (56%)
- Blue (42%)



- Red (37%)
- Yellow (52%)
- Blue (56%)



- Cyan (34%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)




- Cyan (63%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7663, 0.2974, 0.4008 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 22.7663, 0.2974, 0.4008 by changing the saturation by 10% instead.


 22.7663, 0.2974,
0.4008

 22.7663, 0.2974,
0.4008


266.5224, 0.3068,
0.3590


 14.4210, 0.2942,
0.4138


 48.0093, 0.3013,
0.3839


 8.4141, 0.2895,
0.4326


 65.6758, 0.3027,
0.3781

 4.3610, 0.2816,
0.4617

 87.2183, 0.3037,
0.3734

 1.8775, 0.2673,
0.5138

 113.0210, 0.3045,
0.3695

 0.5348, 0.0000,
1.0000

143.4683, 0.3052,
0.3663

 0.0000, 0.0000,
0.0000

178.9448, 0.3058,

0.3635

219.8346, 0.3063,
0.3611

■ 22.7663, 0.2974,
0.4008

■ 22.7663, 0.2974,
0.4008

■ 21.8761, 0.2935,
0.4267

■ 23.8241, 0.3017,
0.3768

■ 21.1419, 0.2904,
0.4540

■ 25.0546, 0.3063,
0.3551

■ 20.5555, 0.2883,
0.4818


■ 26.4661, 0.3110,
0.3357


■ 20.1063, 0.2874,
0.5090


■ 28.0656, 0.3156,
0.3186

■ 19.7826, 0.2879,
0.5341

■ 29.8599, 0.3200,
0.3036


 19.5702, 0.2897,
0.5558

 31.8551, 0.3242,
0.2904

 19.4696, 0.2909,
0.5674

 34.0573, 0.3282,
0.2790

 36.4722, 0.3320,
0.2690

 39.1054, 0.3355,
0.2604

Harmonies

Analogous

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



22.7663, 0.3465, 0.4191



22.7663, 0.2974, 0.4008



22.7663, 0.2546, 0.3575

Triad

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



22.7663, 0.2974, 0.4008



22.7663, 0.2390, 0.2518



22.7663, 0.4049, 0.3385

Complementary

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



22.7663, 0.2974, 0.4008



15.3725, 0.3329, 0.2667

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.



22.7663, 0.3715, 0.3004



22.7663, 0.2974, 0.4008



22.7663, 0.2740, 0.2523

Square

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



22.7663, 0.2974, 0.4008



22.7663, 0.2230, 0.2705



22.7663, 0.3223, 0.2698



22.7663, 0.4108, 0.3773

Rectangle

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



22.7663, 0.2974, 0.4008



22.7663, 0.2349, 0.3240



22.7663, 0.3223, 0.2698



22.7663, 0.3964, 0.3253

Sweetspot

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



22.7673, 0.2974, 0.4008



45.0359, 0.3080, 0.3479



24.9636, 0.3487, 0.4140



9.9923, 0.3074, 0.3504



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.7673, 0.2974, 0.4008



38.8593, 0.2942, 0.4216



23.3168, 0.2769, 0.3535



6.0501, 0.3085, 0.3459



17.4840, 0.2907, 0.5667



0.1703, 0.2698, 0.4912

Inverse Universe

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



15.3725, 0.3329, 0.2667



23.6436, 0.3392, 0.2519



14.8182, 0.3678, 0.3061



5.4883, 0.3173, 0.3126



6.1103, 0.3940, 0.1944



0.0619, 0.3541, 0.1725

Previews

White Background



This preview shows how the Yxy color 22.7663, 0.2974, 0.4008 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 22.7663, 0.2974, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

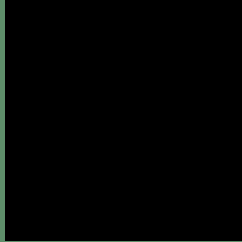
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.7663, 0.2974, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 22.7663, 0.2974, 0.4008.



This preview shows how white text looks on a background with the Yxy color 22.7663, 0.2974, 0.4008.

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

22.7663, 0.2974, 0.4008

Protanopia

22.4803, 0.3574, 0.3800

Deuteranopia

22.6051, 0.3636, 0.3576



Tritanopia

22.8227, 0.2680, 0.3106

Trichromacy



Original Color

22.7663, 0.2974, 0.4008

Protanomaly

22.2404, 0.3329, 0.3868

Deuteranomaly

22.3311, 0.3365, 0.3726

Tritanomaly

22.7838, 0.2785, 0.3422

Monochromacy



Original Color

22.7663, 0.2974, 0.4008

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.0277, 0.3069, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7663, 0.2974, 0.4008 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(94, 142, 106)` looks like.

```
.text, #text, p{  
    color:rgb(94, 142, 106)  
}
```

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(94, 142, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 142, 106) }
```

Border

The CSS property to change the border of an element to Yxy 22.7663, 0.2974, 0.4008 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(94, 142, 106) }
```

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

```
.border{ border-color:rgb(94, 142, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 142, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 142, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 142, 106);  
box-shadow:4px 4px 4px 4px rgb(94, 142,  
106) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.7663, 0.2974, 0.4008$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 142, 106) }
```

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

```
.background{ background-color: rgb(94, 142,  
106) }
```

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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