

Converting Colors

$Y_{xy}(27.2657, 0.2866, 0.3691)$

Have a look what the booklet for
Yxy(27.2657, 0.2866, 0.3691)
contains.

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Color

$Y_{xy}(27.3974, 0.2874, 0.3706)$

Conversions

Conversions Part 1

Format	Color
Hex	699982
RGB	105, 153, 130
RGB Percent	41%, 60%, 51%
CMY	0.5882, 0.4000, 0.4902
CMYK	0.31, 0.00, 0.15, 0.40
HSL	151°, 19%, 51%
HSV	151°, 31%, 60%
XYZ	21.2467, 27.3974, 25.2831
YIQ	136.0260, -21.2250, -17.3290

Conversions

Conversions Part 2

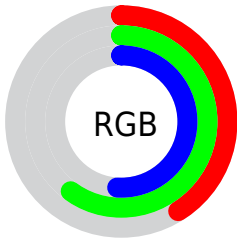
Format	Color
RYB	105, 137, 153
Decimal	6920578
CIELab	59.34, -21.29, 6.97
CIELCh	59, 22.404, 161.878
Yxy	27.3974, 0.2874, 0.3706
Android (android.graphics.Color)	4285110658 (0xFF699982)
YUV	136.0260, -2.9708, -27.2098
Hunter-Lab	52.3425, -19.1434, 8.0008

Details

The Yxy color $27.3974, 0.2874, 0.3706$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.4378, 0.3487, 0.2910$, and the grayscale version is $24.6493, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7997, 0.2932, 0.3619$, and $10.9090, 0.2770, 0.3869$ is the 20% darker color. If you saturate the color by 10%, you get $26.3637, 0.2805, 0.3866$, and if you desaturate by 10%, it is $28.6141, 0.2950, 0.3559$.

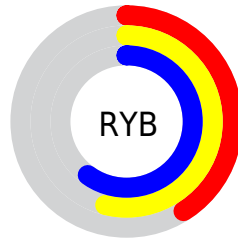
Distribution



Red (41%)

Green (60%)

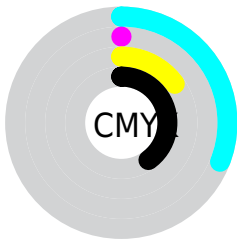
Blue (51%)



Red (41%)

Yellow (54%)

Blue (60%)

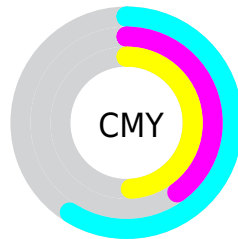


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (40%)



Cyan (59%)


Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3974, 0.2874, 0.3706 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 27.3974, 0.2874, 0.3706 by changing the saturation by 10% instead.


 27.3974, 0.2874,
0.3706


 27.3974, 0.2874,
0.3706


289.5761, 0.3015,
0.3474


 17.8719, 0.2833,
0.3774


 55.5209, 0.2929,
0.3615


 10.8581, 0.2777,
0.3868


 74.8877, 0.2948,
0.3583

 5.9715, 0.2695,
0.4008

 98.3038, 0.2964,
0.3556

 2.8277, 0.2562,
0.4235

 126.1534, 0.2978,
0.3534

 1.0425, 0.2159,
0.4862

158.8211, 0.2989,
0.3516

 0.0000, 0.0000,
0.0000

196.6912, 0.2999,

0.3500

240.1481, 0.3007,
0.3486

■ 27.3974, 0.2874,
0.3706

■ 27.3974, 0.2874,
0.3706

■ 26.3637, 0.2805,
0.3866

■ 28.6141, 0.2950,
0.3559

■ 25.5004, 0.2748,
0.4036

■ 30.0190, 0.3032,
0.3426

■ 24.7985, 0.2704,
0.4215


■ 31.6212, 0.3116,
0.3305


■ 24.2469, 0.2677,
0.4399

■ 33.4282, 0.3200,
0.3198


■ 23.8328, 0.2668,
0.4583


■ 35.4472, 0.3284,
0.3103

 23.5415, 0.2679,
0.4763

 37.6849, 0.3366,
0.3019

 23.3567, 0.2698,
0.4914

 40.1479, 0.3445,
0.2946

 42.8422, 0.3521,
0.2882

 45.7739, 0.3594,
0.2826

Harmonies

Analogous

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



27.3974, 0.3241, 0.3928



27.3974, 0.2874, 0.3706



27.3974, 0.2586, 0.3356

Triad

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



27.3974, 0.2874, 0.3706



27.3974, 0.2658, 0.2681



27.3974, 0.3864, 0.3498

Complementary

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



27.3974, 0.2874, 0.3706



18.4378, 0.3487, 0.2910

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.



27.3974, 0.3690, 0.3192



27.3974, 0.2874, 0.3706



27.3974, 0.2979, 0.2738

Square

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



27.3974, 0.2874, 0.3706



27.3974, 0.2469, 0.2772



27.3974, 0.3359, 0.2921



27.3974, 0.3824, 0.3775

Rectangle

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



27.3974, 0.2874, 0.3706



27.3974, 0.2473, 0.3118



27.3974, 0.3359, 0.2921



27.3974, 0.3828, 0.3396

Sweetspot

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



27.3985, 0.2874, 0.3706



54.3560, 0.3050, 0.3398



28.4086, 0.3319, 0.4121



11.9207, 0.3039, 0.3415



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.3985, 0.2874, 0.3706



47.6672, 0.2822, 0.3823



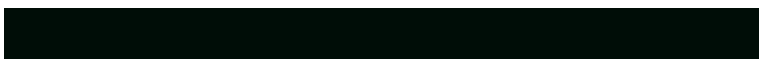
27.8261, 0.2688, 0.3275



6.9766, 0.3049, 0.3399



19.3102, 0.2695, 0.4901



0.2960, 0.2489, 0.4161

Inverse Universe

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



18.4378, 0.3487, 0.2910



28.8962, 0.3604, 0.2818



18.0625, 0.3811, 0.3306



6.2696, 0.3212, 0.3184



6.0056, 0.4998, 0.2527



0.0971, 0.4106, 0.2036

Previews

White Background



This preview shows how the Yxy color 27.3974, 0.2874, 0.3706 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 27.3974, 0.2874, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

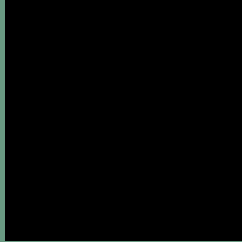
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3974, 0.2874, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 27.3974, 0.2874, 0.3706.



This preview shows how white text looks on a background with the Yxy color 27.3974, 0.2874, 0.3706.

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

27.3974, 0.2874, 0.3706

Protanopia

27.1908, 0.3389, 0.3584

Deuteranopia

26.9557, 0.3419, 0.3354



Tritanopia

27.4476, 0.2669, 0.3086

Trichromacy



Original Color

27.3974, 0.2874, 0.3706

Protanomaly

27.0507, 0.3185, 0.3632

Deuteranomaly

26.7998, 0.3194, 0.3474

Tritanomaly

27.2659, 0.2740, 0.3289

Monochromacy



Original Color

27.3974, 0.2874, 0.3706

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.4272, 0.3026, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3974, 0.2874, 0.3706 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(105, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 130)  
}
```

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(105, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.3974, 0.2874, 0.3706 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(105, 153, 130) }
```

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

```
.border{ border-color:rgb(105, 153, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 153, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3974, 0.2874, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 130) }
```

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

```
.background{ background-color: rgb(105,  
153, 130) }
```

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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