

Converting Colors

$Yxy(28.6447, 0.2894, 0.3751)$

Have a look what the booklet for
Yxy(28.6447, 0.2894, 0.3751)
contains.

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Color

Yxy(28.5144, 0.2894, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	6B9C82
RGB	107, 156, 130
RGB Percent	42%, 61%, 51%
CMY	0.5803, 0.3882, 0.4902
CMYK	0.31, 0.00, 0.17, 0.39
HSL	148°, 20%, 52%
HSV	148°, 31%, 61%
XYZ	21.9821, 28.5144, 25.4609
YIQ	138.3850, -20.8580, -18.4740

Conversions

Conversions Part 2

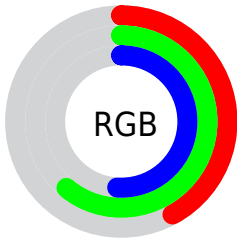
Format	Color
RYB	107, 140, 156
Decimal	7052418
CIELab	60.35, -22.19, 8.42
CIElCh	60, 23.731, 159.211
Yxy	28.5144, 0.2894, 0.3754
Android (android.graphics.Color)	4285242498 (0xFF6B9C82)
YUV	138.3850, -4.1338, -27.5246
Hunter-Lab	53.3989, -19.9671, 9.1094

Details

The Yxy color $28.5144, 0.2894, 0.3754$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.2813, 0.3454, 0.2870$, and the grayscale version is $25.5941, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4810, 0.2946, 0.3655$, and $11.3646, 0.2797, 0.3914$ is the 20% darker color. If you saturate the color by 10%, you get $27.4205, 0.2831, 0.3932$, and if you desaturate by 10%, it is $29.8030, 0.2964, 0.3590$.

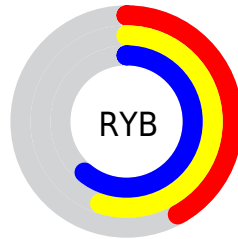
Distribution



Red (42%)

Green (61%)

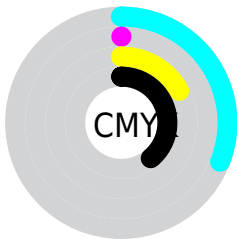
Blue (51%)



Red (42%)

Yellow (55%)

Blue (61%)

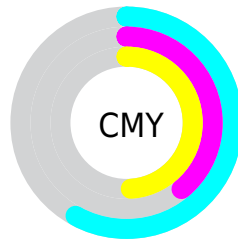


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (39%)



Cyan (58%)


Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5144, 0.2894, 0.3754 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 28.5144, 0.2894, 0.3754 by changing the saturation by 10% instead.


 28.5144, 0.2894,
0.3754


 28.5144, 0.2894,
0.3754


294.9168, 0.3024,
0.3496


 18.7138, 0.2856,
0.3829

 57.3047, 0.2945,
0.3653

 11.4636, 0.2805,
0.3933


 77.0631, 0.2963,
0.3617

 6.3796, 0.2728,
0.4086


 100.9096, 0.2977,
0.3588

 3.0772, 0.2606,
0.4334

 129.2285, 0.2990,
0.3563

 1.1722, 0.2302,
0.4928

162.4044, 0.3000,
0.3543

 0.0388, 0.0000,
1.0000

200.8214, 0.3009,

 0.0000, 0.0000,

0.3525

0.0000

244.8641, 0.3017,
0.3509

■ 28.5144, 0.2894,
0.3754

■ 28.5144, 0.2894,
0.3754

■ 27.4205, 0.2831,
0.3932

■ 29.8030, 0.2964,
0.3590

■ 26.5081, 0.2778,
0.4123

■ 31.2918, 0.3039,
0.3441

■ 25.7675, 0.2738,
0.4323

■ 32.9906, 0.3116,
0.3308

■ 25.1869, 0.2715,
0.4527

■ 34.9074, 0.3194,
0.3189

■ 24.7528, 0.2710,
0.4731

■ 37.0496, 0.3270,
0.3084

■ 24.4495, 0.2725,
0.4927

■ 39.4246, 0.3344,
0.2991

■ 24.2604, 0.2747,
0.5088

■ 42.0392, 0.3416,
0.2910

■ 44.9000, 0.3484,
0.2839

■ 48.0132, 0.3549,
0.2777

Harmonies

Analogous

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



28.5144, 0.3280, 0.3969



28.5144, 0.2894, 0.3754



28.5144, 0.2584, 0.3393

Triad

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



28.5144, 0.2894, 0.3754



28.5144, 0.2614, 0.2657



28.5144, 0.3890, 0.3477

Complementary

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



28.5144, 0.2894, 0.3754



19.2813, 0.3454, 0.2870

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.



28.5144, 0.3690, 0.3159



28.5144, 0.2894, 0.3754



28.5144, 0.2938, 0.2704

Square

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



28.5144, 0.2894, 0.3754



28.5144, 0.2431, 0.2765



28.5144, 0.3334, 0.2884



28.5144, 0.3867, 0.3772

Rectangle

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



28.5144, 0.2894, 0.3754



28.5144, 0.2456, 0.3140



28.5144, 0.3334, 0.2884



28.5144, 0.3847, 0.3370

Sweetspot

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



28.5156, 0.2894, 0.3754



57.4861, 0.3056, 0.3410



29.8372, 0.3345, 0.4117



12.5610, 0.3046, 0.3429



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.5156, 0.2894, 0.3754



50.2965, 0.2847, 0.3884



29.2495, 0.2701, 0.3317



7.4502, 0.3056, 0.3411



19.9899, 0.2743, 0.5075



0.3659, 0.2535, 0.4327

Inverse Universe

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



19.2813, 0.3454, 0.2870



30.6960, 0.3559, 0.2769



18.6837, 0.3794, 0.3265



6.7021, 0.3205, 0.3172



6.3412, 0.4788, 0.2411



0.1219, 0.4026, 0.1991

Previews

White Background



This preview shows how the Yxy color 28.5144, 0.2894, 0.3754 looks on a white background.

Color Contrast Check

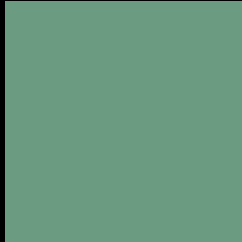
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5144, 0.2894, 0.3754 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

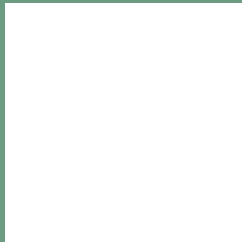
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.5144, 0.2894, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 28.5144, 0.2894, 0.3754.



This preview shows how white text looks on a background with the Yxy color 28.5144, 0.2894, 0.3754.

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

28.5144, 0.2894, 0.3754

Protanopia

28.3814, 0.3414, 0.3628

Deuteranopia

28.2362, 0.3456, 0.3399



Tritanopia

28.3550, 0.2682, 0.3089

Trichromacy



Original Color

28.5144, 0.2894, 0.3754

Protanomaly

28.2355, 0.3212, 0.3677

Deuteranomaly

28.0634, 0.3233, 0.3520

Tritanomaly

28.3963, 0.2754, 0.3323

Monochromacy



Original Color

28.5144, 0.2894, 0.3754

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.5121, 0.3036, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5144, 0.2894, 0.3754 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, 156, 130)` looks like.

```
.text, #text, p{  
    color:rgb(107, 156, 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(107, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 156, 130) }
```

Border

The CSS property to change the border of an element to Yxy 28.5144, 0.2894, 0.3754 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, 156, 130) }
```

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

```
.border{ border-color:rgb(107, 156, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 156, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(107, 156,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5144, 0.2894, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 156, 130) }
```

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

```
.background{ background-color: rgb(107,  
156, 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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