

Converting Colors

$Yxy(14.0617, 0.2881, 0.4436)$

Have a look what the booklet for
Yxy(14.0617, 0.2881, 0.4436)
contains.

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Color

Yxy(13.9879, 0.2875, 0.4427)

Conversions

Conversions Part 1

Format	Color
Hex	367549
RGB	54, 117, 73
RGB Percent	21%, 46%, 29%
CMY	0.7883, 0.5412, 0.7137
CMYK	0.54, 0.00, 0.38, 0.54
HSL	138°, 37%, 34%
HSV	138°, 54%, 46%
XYZ	9.0841, 13.9879, 8.5248
YIQ	93.1470, -23.4240, -27.0400

Conversions

Conversions Part 2

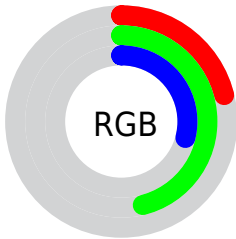
Format	Color
R _{YB}	54, 102, 117
Decimal	3568969
CIE Lab	44.22, -30.95, 18.26
CIE LCh	44, 35.931, 149.457
Yxy	13.9879, 0.2875, 0.4427
Android (android.graphics.Color)	4281759049 (0xFF367549)
YUV	93.1470, -9.9325, -34.3319
Hunter-Lab	37.4004, -22.0953, 12.6661

Details

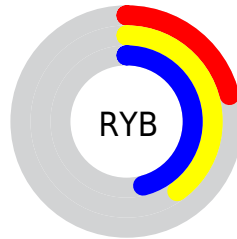
The Yxy color **13.9879, 0.2875, 0.4427** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.2993, 0.3555, 0.2390**, and the grayscale version is **11.0089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2188, 0.2956, 0.4120**, and **4.2181, 0.2747, 0.5090** is the 20% darker color. If you saturate the color by 10%, you get **13.6016, 0.2850, 0.4683**, and if you desaturate by 10%, it is **14.4675, 0.2911, 0.4178**.

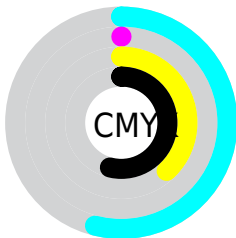
Distribution



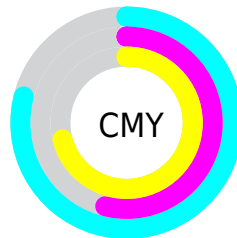
- Red (21%)
- Green (46%)
- Blue (29%)



- Red (21%)
- Yellow (40%)
- Blue (46%)



- Cyan (54%)
- Magenta (0%)
- Yellow (38%)
- Black (54%)




- Cyan (79%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9879, 0.2875, 0.4427 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 13.9879, 0.2875, 0.4427 by changing the saturation by 10% instead.


 13.9879, 0.2875,
0.4427


 13.9879, 0.2875,
0.4427


217.1555, 0.3045,
0.3711


 8.1122, 0.2805,
0.4688

 33.0676, 0.2953,
0.4116


 4.1669, 0.2685,
0.5096

 47.0404, 0.2977,
0.4016

 1.7673, 0.2514,
0.6002

 64.4810, 0.2995,
0.3938

 0.4667, 0.0000,
1.0000

 85.7739, 0.3009,
0.3875

 0.0000, 0.0000,
0.0000

 111.3033, 0.3021,
0.3823

 141.4539, 0.3030,

0.3779

176.6098, 0.3038,
0.3742

■ 13.9879, 0.2875,
0.4427

■ 13.9879, 0.2875,
0.4427

■ 13.6016, 0.2850,
0.4683

■ 14.4675, 0.2911,
0.4178

■ 13.3007, 0.2838,
0.4938

■ 15.0442, 0.2954,
0.3943

■ 13.0786, 0.2841,
0.5180

■ 15.7239, 0.3003,
0.3727

■ 12.9257, 0.2858,
0.5400

■ 16.5114, 0.3054,
0.3530

■ 12.8472, 0.2868,
0.5523

■ 17.4112, 0.3107,
0.3353

■ 18.4274, 0.3159,
0.3196

■ 19.5642, 0.3210,
0.3058

■ 20.8253, 0.3259,
0.2937

■ 22.2145, 0.3306,
0.2831

Harmonies

Analogous

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



13.9879, 0.3594, 0.4672



13.9879, 0.2875, 0.4427



13.9879, 0.2263, 0.3723

Triad

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



13.9879, 0.2875, 0.4427



13.9879, 0.2057, 0.2173



13.9879, 0.4519, 0.3379

Complementary

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



13.9879, 0.2875, 0.4427



7.2993, 0.3555, 0.2390

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.



13.9879, 0.4005, 0.2856



13.9879, 0.2875, 0.4427



13.9879, 0.2541, 0.2194

Square

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



13.9879, 0.2875, 0.4427



13.9879, 0.1842, 0.2412



13.9879, 0.3248, 0.2437



13.9879, 0.4585, 0.3934

Rectangle

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



13.9879, 0.2875, 0.4427



13.9879, 0.1993, 0.3190



13.9879, 0.3248, 0.2437



13.9879, 0.4391, 0.3198

Sweetspot

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



13.9885, 0.2875, 0.4427



29.1871, 0.3041, 0.3578



15.5920, 0.3602, 0.4651



6.6586, 0.3033, 0.3608



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



13.9885, 0.2875, 0.4427



24.1878, 0.2845, 0.4755



14.5150, 0.2576, 0.3595



4.1147, 0.3080, 0.3442



14.1508, 0.2870, 0.5531



68.8233, 0.2895, 0.5622

Inverse Universe

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



7.2993, 0.3555, 0.2390



10.7983, 0.3700, 0.2219



6.8182, 0.4287, 0.3027



3.7400, 0.3178, 0.3143



4.8298, 0.4114, 0.2040



23.3790, 0.4175, 0.2073

Previews

White Background



This preview shows how the Yxy color 13.9879, 0.2875, 0.4427 looks on a white 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

Black Background



This preview shows how the Yxy color 13.9879, 0.2875, 0.4427 looks on a black 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

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

Yxy 13.9879, 0.2875, 0.4427

Background



This preview shows how black text looks on a background with the Yxy color 13.9879, 0.2875, 0.4427.



This preview shows how white text looks on a background with the Yxy color 13.9879, 0.2875, 0.4427.

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

13.9879, 0.2875, 0.4427

Protanopia

13.8287, 0.3755, 0.4056

Deuteranopia

13.8611, 0.3814, 0.3758



Tritanopia

13.8832, 0.2513, 0.3081

Trichromacy



Original Color

13.9879, 0.2875, 0.4427

Protanomaly

13.6548, 0.3382, 0.4202

Deuteranomaly

13.4265, 0.3407, 0.3979

Tritanomaly

13.8137, 0.2644, 0.3532

Monochromacy



Original Color

13.9879, 0.2875, 0.4427

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.8369, 0.3011, 0.3691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9879, 0.2875, 0.4427 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(54, 117, 73)` looks like.

```
.text, #text, p{  
    color:rgb(54, 117, 73)  
}
```

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(54, 117, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 117, 73) }
```

Border

The CSS property to change the border of an element to Yxy 13.9879, 0.2875, 0.4427 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(54, 117, 73) }
```

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

```
.border{ border-color:rgb(54, 117, 73) }
```

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

Here you see how a box with a 4 pixel rgb(54, 117, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 117, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 117, 73);  
box-shadow:4px 4px 4px 4px rgb(54, 117,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9879, 0.2875, 0.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 117, 73) }
```

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

```
.background{ background-color: rgb(54, 117,  
73) }
```

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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