

Converting Colors

$Y_{xy}(13.9866, 0.2871, 0.3148)$

Have a look what the booklet for
Yxy(13.9866, 0.2871, 0.3148)
contains.

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Color

Yxy(14.0348, 0.2869, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	5D6B71
RGB	93, 107, 113
RGB Percent	36%, 42%, 44%
CMY	0.6354, 0.5804, 0.5569
CMYK	0.18, 0.05, 0.00, 0.56
HSL	198°, 10%, 40%
HSV	198°, 18%, 44%
XYZ	12.7504, 14.0348, 17.6568
YIQ	103.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

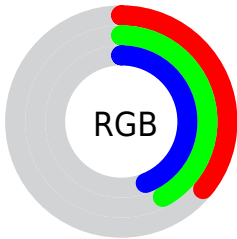
Format	Color
R _Y B	93, 101, 113
Decimal	6122353
CIE Lab	44.28, -3.88, -5.13
CIE LCh	44, 6.433, 232.862
Yxy	14.0348, 0.2869, 0.3158
Android (android.graphics.Color)	4284312433 (0xFF5D6B71)
YUV	103.4980, 4.6845, -9.2067
Hunter-Lab	37.4630, -4.8084, -1.7200

Details

The Yxy color **14.0348, 0.2869, 0.3158** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2163, 0.3425, 0.3418**, and the grayscale version is **13.6911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0996, 0.2935, 0.3183**, and **4.2177, 0.2756, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **12.7982, 0.2725, 0.3074**, and if you desaturate by 10%, it is **15.3872, 0.3015, 0.3235**.

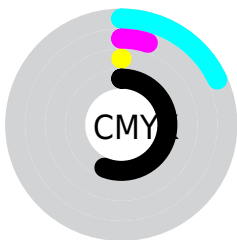
Distribution



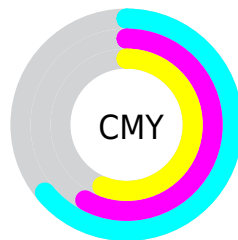
- Red (36%)
- Green (42%)
- Blue (44%)



- Red (36%)
- Yellow (40%)
- Blue (44%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.0348, 0.2869, 0.3158 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 14.0348, 0.2869, 0.3158 by changing the saturation by 10% instead.

■ 14.0348, 0.2869,
0.3158

■ 14.0348, 0.2869,
0.3158

■ 217.4472, 0.3023,
0.3238

■ 8.1449, 0.2819,
0.3131

■ 33.1508, 0.2933,
0.3192

■ 4.1878, 0.2744,
0.3090

■ 47.1456, 0.2954,
0.3203

■ 1.7792, 0.2622,
0.3021

■ 64.6108, 0.2971,
0.3212

■ 0.4741, 0.2087,
0.2781

■ 85.9309, 0.2985,
0.3219

■ 0.0000, 0.0000,
0.0000

■ 111.4902, 0.2997,
0.3225

■ 141.6731, 0.3007,

0.3230

176.8639, 0.3015,
0.3234

■ 14.0348, 0.2869,
0.3158

■ 14.0348, 0.2869,
0.3158

■ 12.7982, 0.2725,
0.3074

■ 15.3872, 0.3015,
0.3235

■ 11.6715, 0.2585,
0.2983

■ 16.8576, 0.3160,
0.3305

■ 10.6509, 0.2453,
0.2886

■ 18.4502, 0.3303,
0.3369

■ 9.7318, 0.2331,
0.2785

■ 20.1684, 0.3442,
0.3425

■ 8.9087, 0.2223,
0.2679

■ 22.0157, 0.3576,
0.3475

8.1761, 0.2131,
0.2572

23.9952, 0.3705,
0.3520

7.5273, 0.2056,
0.2464

26.1100, 0.3827,
0.3559

6.9445, 0.1995,
0.2356

28.3632, 0.3943,
0.3593

6.8152, 0.1981,
0.2331

30.7574, 0.4052,
0.3623

Harmonies

Analogous

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



14.0348, 0.2902, 0.3272



14.0348, 0.2869, 0.3158



14.0348, 0.2903, 0.3083

Triad

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



14.0348, 0.2869, 0.3158



14.0348, 0.3259, 0.3188



14.0348, 0.3255, 0.3526

Complementary

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



14.0348, 0.2869, 0.3158



13.2163, 0.3425, 0.3418

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.



14.0348, 0.3355, 0.3497



14.0348, 0.2869, 0.3158



14.0348, 0.3357, 0.3301

Square

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



14.0348, 0.2869, 0.3158



14.0348, 0.3127, 0.3102



14.0348, 0.3392, 0.3414



14.0348, 0.3123, 0.3488

Rectangle

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



14.0348, 0.2869, 0.3158



14.0348, 0.2960, 0.3063



14.0348, 0.3392, 0.3414



14.0348, 0.3294, 0.3523

Sweetspot

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



14.0354, 0.2869, 0.3158



28.2165, 0.3053, 0.3254



15.0284, 0.3039, 0.3610



6.4936, 0.3045, 0.3250



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.0354, 0.2869, 0.3158



24.2601, 0.2813, 0.3126



12.1258, 0.2859, 0.2939



3.6550, 0.2996, 0.3226



7.6969, 0.1979, 0.2325



36.7828, 0.1963, 0.2266

Inverse Universe

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



12.3969, 0.3233, 0.2996



20.8250, 0.3260, 0.2930



15.1639, 0.3392, 0.3618



3.4373, 0.3177, 0.3144



4.6228, 0.4101, 0.2033



22.8710, 0.4162, 0.2067

Previews

White Background



This preview shows how the Yxy color 14.0348, 0.2869, 0.3158 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 14.0348, 0.2869, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

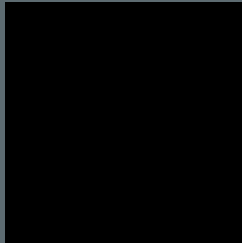
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

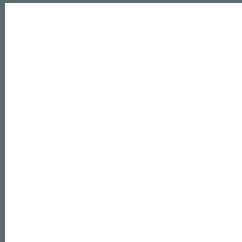
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0348, 0.2869, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 14.0348, 0.2869, 0.3158.



This preview shows how white text looks on a background with the Yxy color 14.0348, 0.2869, 0.3158.

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

14.0348, 0.2869, 0.3158

Protanopia

13.9914, 0.3037, 0.3141

Deuteranopia

14.0326, 0.3082, 0.3042



Tritanopia

14.0804, 0.2846, 0.3115

Trichromacy



Original Color

14.0348, 0.2869, 0.3158

Protanomaly

13.9823, 0.2970, 0.3139

Deuteranomaly

14.0586, 0.2999, 0.3079

Tritanomaly

14.0575, 0.2858, 0.3136

Monochromacy



Original Color

14.0348, 0.2869, 0.3158

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.6148, 0.3019, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0348, 0.2869, 0.3158 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(93, 107, 113) looks like.

```
.text, #text, p{  
    color:rgb(93, 107, 113)  
}
```

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(93, 107, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 107, 113) }
```

Border

The CSS property to change the border of an element to Yxy 14.0348, 0.2869, 0.3158 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(93, 107, 113) }
```

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

```
.border{ border-color:rgb(93, 107, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 107, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 107, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 107, 113);  
box-shadow:4px 4px 4px 4px rgb(93, 107,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0348, 0.2869, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 107, 113) }
```

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

```
.background{ background-color: rgb(93, 107,  
113) }
```

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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