

Converting Colors

$Yxy(30.7941, 0.2848, 0.3609)$

Have a look what the booklet for
Yxy(30.7941, 0.2848, 0.3609)
contains.

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Color

Yxy(30.8875, 0.2844, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	70A18E
RGB	112, 161, 142
RGB Percent	44%, 63%, 56%
CMY	0.5609, 0.3686, 0.4431
CMYK	0.30, 0.00, 0.12, 0.37
HSL	157°, 21%, 54%
HSV	157°, 30%, 63%
XYZ	24.3066, 30.8875, 30.2721
YIQ	144.1830, -23.1050, -16.2970

Conversions

Conversions Part 2

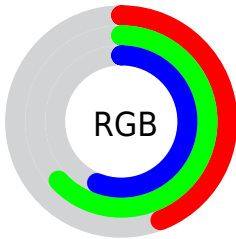
Format	Color
RYB	112, 142, 161
Decimal	7381390
CIELab	62.41, -20.62, 4.66
CIELCh	62, 21.136, 167.263
Yxy	30.8875, 0.2844, 0.3614
Android (android.graphics.Color)	4285571470 (0xFF70A18E)
YUV	144.1830, -1.0762, -28.2245
Hunter-Lab	55.5765, -19.1913, 6.6087

Details

The Yxy color **30.8875, 0.2844, 0.3614** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7981, 0.3534, 0.2990**, and the grayscale version is **27.9771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0966, 0.2900, 0.3542**, and **12.7341, 0.2744, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **29.7434, 0.2765, 0.3741**, and if you desaturate by 10%, it is **32.2335, 0.2932, 0.3497**.

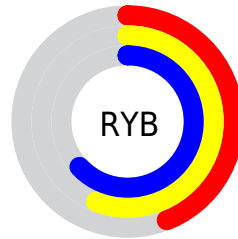
Distribution



Red (44%)

Green (63%)

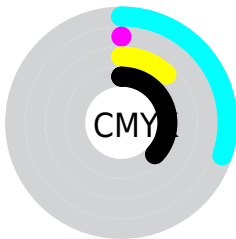
Blue (56%)



Red (44%)

Yellow (56%)

Blue (63%)

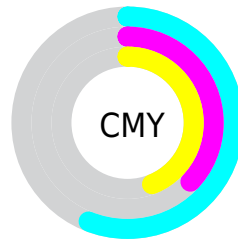


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (37%)



Cyan (56%)


Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8875, 0.2844, 0.3614 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 30.8875, 0.2844, 0.3614 by changing the saturation by 10% instead.


 30.8875, 0.2844,
0.3614


 30.8875, 0.2844,
0.3614


306.0197, 0.2997,
0.3438

 20.5132, 0.2802,
0.3664


 61.0629, 0.2902,
0.3546

 12.7686, 0.2745,
0.3731


 81.6328, 0.2923,
0.3522

 7.2694, 0.2663,
0.3828


 106.3700, 0.2941,
0.3502

 3.6312, 0.2538,
0.3980

 135.6589, 0.2956,
0.3485

 1.4695, 0.2322,
0.4250

169.8840, 0.2968,
0.3470

 0.2671, 0.0000,
1.0000

209.4295, 0.2979,

 0.0000, 0.0000,

0.3458

0.0000

254.6800, 0.2988,
0.3447

■ 30.8875, 0.2844,
0.3614

■ 30.8875, 0.2844,
0.3614

■ 29.7434, 0.2765,
0.3741

■ 32.2335, 0.2932,
0.3497

■ 28.7872, 0.2697,
0.3876

■ 33.7870, 0.3026,
0.3390

■ 28.0088, 0.2644,
0.4018

■ 35.5582, 0.3123,
0.3294

■ 27.3961, 0.2608,
0.4165


■ 37.5554, 0.3221,
0.3208


■ 26.9347, 0.2592,
0.4313

■ 39.7866, 0.3319,
0.3132

 26.6084, 0.2595,
0.4461

 42.2592, 0.3415,
0.3064

 26.3861, 0.2611,
0.4599

 44.9805, 0.3509,
0.3005

 47.9572, 0.3599,
0.2953

 50.8379, 0.3669,
0.2905

Harmonies

Analogous

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



30.8875, 0.3171, 0.3841



30.8875, 0.2844, 0.3614



30.8875, 0.2601, 0.3292

Triad

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



30.8875, 0.2844, 0.3614



30.8875, 0.2746, 0.2734



30.8875, 0.3802, 0.3531

Complementary

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



30.8875, 0.2844, 0.3614



20.7981, 0.3534, 0.2990

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.



30.8875, 0.3678, 0.3252



30.8875, 0.2844, 0.3614



30.8875, 0.3054, 0.2808

Square

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



30.8875, 0.2844, 0.3614



30.8875, 0.2548, 0.2795



30.8875, 0.3398, 0.2994



30.8875, 0.3733, 0.3769

Rectangle

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



30.8875, 0.2844, 0.3614



30.8875, 0.2514, 0.3083



30.8875, 0.3398, 0.2994



30.8875, 0.3782, 0.3439

Sweetspot

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



30.8888, 0.2844, 0.3614



60.8885, 0.3038, 0.3377



31.5343, 0.3274, 0.4109



13.2633, 0.3025, 0.3391



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.8888, 0.2844, 0.3614



53.7933, 0.2786, 0.3705



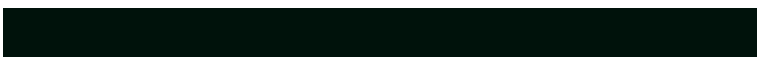
29.8286, 0.2690, 0.3207



7.9645, 0.3037, 0.3379



21.0794, 0.2608, 0.4587



0.4518, 0.2461, 0.4059

Inverse Universe

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



20.7981, 0.3534, 0.2990



32.5988, 0.3670, 0.2915



21.4406, 0.3768, 0.3371



7.1293, 0.3227, 0.3203



6.3404, 0.5382, 0.2738



0.1423, 0.4460, 0.2231

Previews

White Background



This preview shows how the Yxy color 30.8875, 0.2844, 0.3614 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.8875, 0.2844, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

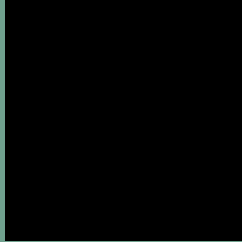
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8875, 0.2844, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 30.8875, 0.2844, 0.3614.



This preview shows how white text looks on a background with the Yxy color 30.8875, 0.2844, 0.3614.

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

30.8875, 0.2844, 0.3614

Protanopia

30.6582, 0.3325, 0.3508

Deuteranopia

30.5106, 0.3362, 0.3291



Tritanopia

30.8678, 0.2672, 0.3080

Trichromacy



Original Color

30.8875, 0.2844, 0.3614

Protanomaly

30.5216, 0.3135, 0.3549

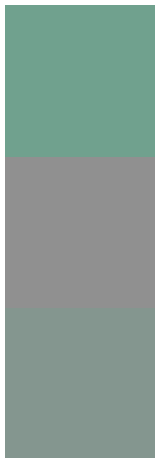
Deuteranomaly

30.3499, 0.3152, 0.3401

Tritanomaly

30.7048, 0.2733, 0.3256

Monochromacy



Original Color

30.8875, 0.2844, 0.3614

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.7014, 0.3012, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8875, 0.2844, 0.3614 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(112, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(112, 161, 142)  
}
```

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(112, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 161, 142) }
```

Border

The CSS property to change the border of an element to Yxy 30.8875, 0.2844, 0.3614 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(112, 161, 142) }
```

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

```
.border{ border-color:rgb(112, 161, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 161, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 161, 142);  
box-shadow:4px 4px 4px 4px rgb(112, 161,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8875, 0.2844, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 161, 142) }
```

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

```
.background{ background-color: rgb(112,  
161, 142) }
```

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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