

Converting Colors

$Yxy(30.2864, 0.2904, 0.3675)$

Have a look what the booklet for
Yxy(30.2864, 0.2904, 0.3675)
contains.

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Color

Yxy(30.1798, 0.2899, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	729F89
RGB	114, 159, 137
RGB Percent	45%, 62%, 54%
CMY	0.5530, 0.3765, 0.4626
CMYK	0.28, 0.00, 0.14, 0.38
HSL	151°, 19%, 54%
HSV	151°, 28%, 62%
XYZ	23.8526, 30.1798, 28.2463
YIQ	143.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

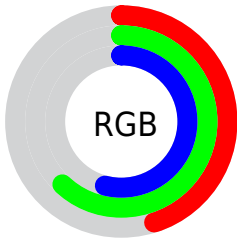
Format	Color
RYB	114, 144, 159
Decimal	7511945
CIELab	61.81, -20.00, 6.60
CIELCh	62, 21.063, 161.743
Yxy	30.1798, 0.2899, 0.3668
Android (android.graphics.Color)	4285702025 (0xFF729F89)
YUV	143.0370, -2.9762, -25.4654
Hunter-Lab	54.9361, -18.6358, 7.9704

Details

The Yxy color **30.1798, 0.2899, 0.3668** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1778, 0.3439, 0.2942**, and the grayscale version is **27.5015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0263, 0.2951, 0.3594**, and **12.2935, 0.2815, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **28.9912, 0.2829, 0.3827**, and if you desaturate by 10%, it is **31.5722, 0.2976, 0.3522**.

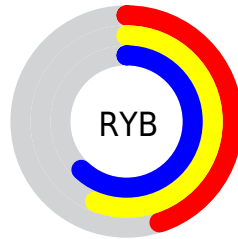
Distribution



Red (45%)

Green (62%)

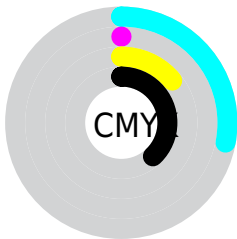
Blue (54%)



Red (45%)

Yellow (56%)

Blue (62%)

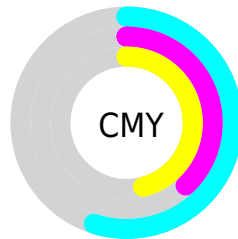


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (38%)



Cyan (55%)


Magenta (38%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1798, 0.2899, 0.3668 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 30.1798, 0.2899, 0.3668 by changing the saturation by 10% instead.


 30.1798, 0.2899,
0.3668


 30.1798, 0.2899,
0.3668

302.7416, 0.3024,
0.3460


 19.9751, 0.2864,
0.3727


 59.9464, 0.2947,
0.3588

 12.3769, 0.2816,
0.3808


 80.2771, 0.2964,
0.3559

 7.0009, 0.2747,
0.3926


 104.7519, 0.2979,
0.3535

 3.4627, 0.2638,
0.4111

 133.7553, 0.2990,
0.3515

 1.3778, 0.2438,
0.4453

167.6715, 0.3001,
0.3499

 0.2003, 0.0000,
1.0000

206.8850, 0.3009,

 0.0000, 0.0000,

0.3484

0.0000

251.7803, 0.3017,
0.3472

■ 30.1798, 0.2899,
0.3668

■ 30.1798, 0.2899,
0.3668

■ 28.9912, 0.2829,
0.3827

■ 31.5722, 0.2976,
0.3522

■ 27.9929, 0.2768,
0.3999

■ 33.1740, 0.3058,
0.3390

■ 27.1751, 0.2720,
0.4179

■ 34.9950, 0.3141,
0.3271

■ 26.5261, 0.2689,
0.4366

■ 37.0434, 0.3225,
0.3165

■ 26.0324, 0.2675,
0.4555

■ 39.3268, 0.3307,
0.3072

■ 25.6784, 0.2681,
0.4740

■ 41.8528, 0.3387,
0.2990

■ 25.4353, 0.2704,
0.4918

■ 44.6282, 0.3465,
0.2918

■ 25.3981, 0.2708,
0.4948

■ 47.6598, 0.3538,
0.2855

■ 50.5566, 0.3590,
0.2797

Harmonies

Analogous

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



30.1798, 0.3234, 0.3868



30.1798, 0.2899, 0.3668



30.1798, 0.2635, 0.3353

Triad

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



30.1798, 0.2899, 0.3668



30.1798, 0.2698, 0.2733



30.1798, 0.3796, 0.3482

Complementary

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



30.1798, 0.2899, 0.3668



21.1778, 0.3439, 0.2942

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.



30.1798, 0.3638, 0.3200



30.1798, 0.2899, 0.3668



30.1798, 0.2991, 0.2783

Square

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



30.1798, 0.2899, 0.3668



30.1798, 0.2524, 0.2819



30.1798, 0.3337, 0.2951



30.1798, 0.3762, 0.3733

Rectangle

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



30.1798, 0.2899, 0.3668



30.1798, 0.2529, 0.3137



30.1798, 0.3337, 0.2951



30.1798, 0.3764, 0.3388

Sweetspot

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



30.1810, 0.2899, 0.3668



59.4581, 0.3059, 0.3388



31.2880, 0.3310, 0.4034



13.3059, 0.3047, 0.3406



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.



30.1810, 0.2899, 0.3668



52.6584, 0.2853, 0.3767



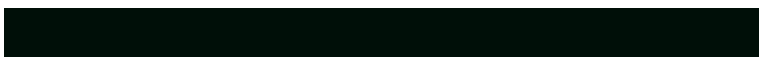
30.8774, 0.2726, 0.3289



7.4549, 0.3050, 0.3401



20.0674, 0.2704, 0.4933



0.3673, 0.2507, 0.4224

Inverse Universe

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



21.1778, 0.3439, 0.2942



33.8250, 0.3532, 0.2861



20.6160, 0.3728, 0.3292



6.6974, 0.3212, 0.3181



6.2601, 0.4966, 0.2509



0.1205, 0.4129, 0.2048

Previews

White Background



This preview shows how the Yxy color 30.1798, 0.2899, 0.3668 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 30.1798, 0.2899, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

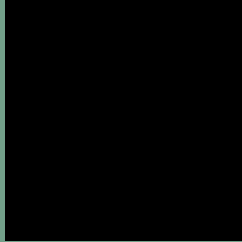
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1798, 0.2899, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 30.1798, 0.2899, 0.3668.



This preview shows how white text looks on a background with the Yxy color 30.1798, 0.2899, 0.3668.

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

30.1798, 0.2899, 0.3668

Protanopia

29.7871, 0.3369, 0.3558

Deuteranopia

29.9470, 0.3405, 0.3351



Tritanopia

30.2258, 0.2707, 0.3095

Trichromacy



Original Color

30.1798, 0.2899, 0.3668

Protanomaly

29.7254, 0.3183, 0.3601

Deuteranomaly

29.5620, 0.3202, 0.3450

Tritanomaly

30.0288, 0.2778, 0.3289

Monochromacy



Original Color

30.1798, 0.2899, 0.3668

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.3235, 0.3030, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1798, 0.2899, 0.3668 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(114, 159, 137)` looks like.

```
.text, #text, p{  
    color:rgb(114, 159, 137)  
}
```

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(114, 159, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 159, 137) }
```

Border

The CSS property to change the border of an element to Yxy 30.1798, 0.2899, 0.3668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

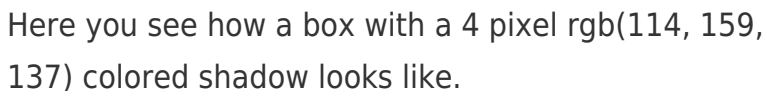
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 159, 137) }
```

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

```
.border{ border-color:rgb(114, 159, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 159, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 159, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 159, 137); box-shadow:4px 4px 4px 4px rgb(114, 159, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1798, 0.2899, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 159, 137) }
```

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

```
.background{ background-color: rgb(114,  
159, 137) }
```

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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