

Converting Colors

$Yxy(19.2914, 0.2248, 0.2881)$

Have a look what the booklet for
Yxy(19.2914, 0.2248, 0.2881)
contains.

Yxy(19.3739, 0.2249, 0.2887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.3739, 0.2249, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	2F8498
RGB	47, 132, 152
RGB Percent	18%, 52%, 60%
CMY	0.8153, 0.4824, 0.4040
CMYK	0.69, 0.13, 0.00, 0.40
HSL	191°, 53%, 39%
HSV	191°, 69%, 60%
XYZ	15.0924, 19.3739, 32.6410
YIQ	108.8650, -57.0800, -11.8000

Conversions

Conversions Part 2

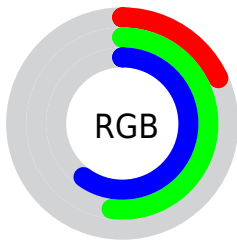
Format	Color
RYB	47, 94, 152
Decimal	3114136
CIELab	51.12, -18.56, -18.13
CIElCh	51, 25.945, 224.319
Yxy	19.3739, 0.2249, 0.2887
Android (android.graphics.Color)	4281304216 (0xFF2F8498)
YUV	108.8650, 21.2656, -54.2556
Hunter-Lab	44.0158, -15.8223, -13.1570

Details

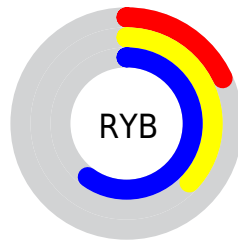
The Yxy color **19.3739, 0.2249, 0.2887** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.9019, 0.5096, 0.3591**, and the grayscale version is **15.2099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2800, 0.2441, 0.2987**, and **6.9742, 0.2087, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **18.2991, 0.2176, 0.2819**, and if you desaturate by 10%, it is **20.5978, 0.2340, 0.2954**.

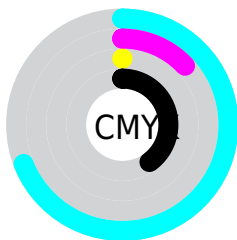
Distribution



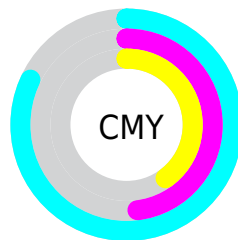
- Red (18%)
- Green (52%)
- Blue (60%)



- Red (18%)
- Yellow (37%)
- Blue (60%)



- Cyan (69%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3739, 0.2249, 0.2887 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 19.3739, 0.2249, 0.2887 by changing the saturation by 10% instead.

19.3739, 0.2249,
0.2887

19.3739, 0.2249,
0.2887

248.5052, 0.2735,
0.3128

11.9408, 0.2111,
0.2810

42.3650, 0.2438,
0.2986

6.7034, 0.1924,
0.2699

58.6917, 0.2505,
0.3020

3.2773, 0.1659,
0.2527

78.7517, 0.2560,
0.3047

1.2782, 0.1255,
0.2237

102.9294, 0.2607,
0.3069

0.1242, 0.0000,
0.0778

131.6092, 0.2646,
0.3087

0.0000, 0.0000,
0.0000

165.1755, 0.2680,

0.3103

204.0127, 0.2710,
0.3116

■ 19.3739, 0.2249,
0.2887

■ 19.3739, 0.2249,
0.2887

■ 18.2991, 0.2176,
0.2819

■ 20.5978, 0.2340,
0.2954

■ 17.3574, 0.2121,
0.2752

■ 21.9805, 0.2448,
0.3019

■ 16.5194, 0.2081,
0.2684

■ 23.5334, 0.2570,
0.3082

■ 16.4391, 0.2077,
0.2678

■ 25.2660, 0.2703,
0.3141

■ 27.1871, 0.2845,
0.3196

■ 29.3050, 0.2992,
0.3248

■ 31.6271, 0.3142,
0.3294

■ 34.1608, 0.3292,
0.3337

■ 36.9129, 0.3441,
0.3374

Harmonies

Analogous

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



19.3739, 0.2409, 0.3329



19.3739, 0.2249, 0.2887



19.3739, 0.2299, 0.2604

Triad

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



19.3739, 0.2249, 0.2887



19.3739, 0.3464, 0.2843



19.3739, 0.3686, 0.4148

Complementary

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



19.3739, 0.2249, 0.2887



10.9019, 0.5096, 0.3591

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.



19.3739, 0.4011, 0.3927



19.3739, 0.2249, 0.2887



19.3739, 0.3889, 0.3187

Square

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



19.3739, 0.2249, 0.2887



19.3739, 0.2969, 0.2603



19.3739, 0.4093, 0.3573



19.3739, 0.3225, 0.4120

Rectangle

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



19.3739, 0.2249, 0.2887



19.3739, 0.2446, 0.2522



19.3739, 0.4093, 0.3573



19.3739, 0.3815, 0.4097

Sweetspot

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



19.3746, 0.2249, 0.2887



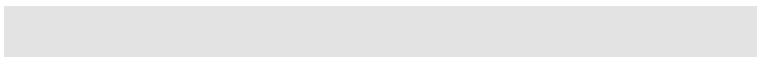
47.1598, 0.2810, 0.3184



23.4536, 0.2920, 0.5113



10.5217, 0.2774, 0.3170



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



19.3746, 0.2249, 0.2887



31.3510, 0.2143, 0.2781



8.6544, 0.1977, 0.1758



6.8265, 0.2989, 0.3247



13.8301, 0.2079, 0.2682



0.2525, 0.2161, 0.2981

Inverse Universe

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



10.3793, 0.3528, 0.2020



15.6193, 0.3642, 0.1882



20.0169, 0.4397, 0.4394



6.3035, 0.3165, 0.3112



6.8015, 0.3745, 0.1837



0.1063, 0.3471, 0.1686

Previews

White Background



This preview shows how the Yxy color 19.3739, 0.2249, 0.2887 looks on a white background.

Color Contrast Check

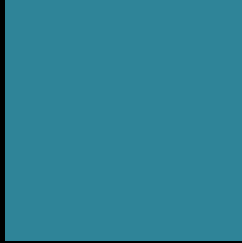
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3739, 0.2249, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

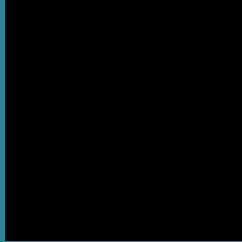
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3739, 0.2249, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 19.3739, 0.2249, 0.2887.



This preview shows how white text looks on a background with the Yxy color 19.3739, 0.2249, 0.2887.

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

19.3739, 0.2249, 0.2887

Protanopia

19.1596, 0.2820, 0.2851

Deuteranopia

19.2050, 0.2702, 0.2650



Tritanopia

19.2809, 0.2282, 0.3060

Trichromacy



Original Color

19.3739, 0.2249, 0.2887

Protanomaly

18.7460, 0.2549, 0.2846

Deuteranomaly

18.9221, 0.2483, 0.2723

Tritanomaly

19.4171, 0.2271, 0.3002

Monochromacy



Original Color

19.3739, 0.2249, 0.2887

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

16.1817, 0.2680, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3739, 0.2249, 0.2887 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(47, 132, 152)` looks like.

```
.text, #text, p{  
    color:rgb(47, 132, 152)  
}
```

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(47, 132, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 132, 152) }
```

Border

The CSS property to change the border of an element to Yxy 19.3739, 0.2249, 0.2887 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(47, 132, 152) }
```

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

```
.border{ border-color:rgb(47, 132, 152) }
```

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

Here you see how a box with a 4 pixel rgb(47, 132, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 132, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 132, 152);  
box-shadow:4px 4px 4px 4px rgb(47, 132,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3739, 0.2249, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 132, 152) }
```

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

```
.background{ background-color: rgb(47, 132,  
152) }
```

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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