

Converting Colors

$Yxy(31.4108, 0.2759, 0.3357)$

Have a look what the booklet for
Yxy(31.4108, 0.2759, 0.3357)
contains.

Yxy(31.5349, 0.2760, 0.3372)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.5349, 0.2760, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	73A19C
RGB	115, 161, 156
RGB Percent	45%, 63%, 61%
CMY	0.5492, 0.3686, 0.3883
CMYK	0.29, 0.00, 0.03, 0.37
HSL	173°, 20%, 54%
HSV	173°, 29%, 63%
XYZ	25.8115, 31.5349, 36.1735
YIQ	146.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

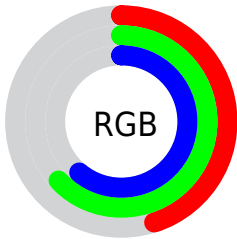
Format	Color
RYB	115, 139, 161
Decimal	7578012
CIELab	62.96, -16.54, -2.39
CIElCh	63, 16.713, 188.208
Yxy	31.5349, 0.2760, 0.3372
Android (android.graphics.Color)	4285768092 (0xFF73A19C)
YUV	146.6760, 4.5967, -27.7799
Hunter-Lab	56.1559, -16.2273, 1.1168

Details

The Yxy color **31.5349, 0.2760, 0.3372** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1877, 0.3670, 0.3211**, and the grayscale version is **29.0230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0897, 0.2835, 0.3363**, and **13.0810, 0.2640, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **30.4796, 0.2651, 0.3405**, and if you desaturate by 10%, it is **32.7842, 0.2881, 0.3341**.

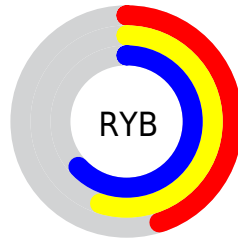
Distribution



Red (45%)

Green (63%)

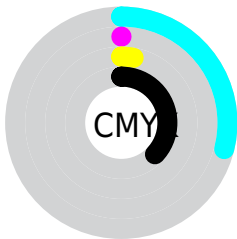
Blue (61%)



Red (45%)

Yellow (55%)

Blue (63%)

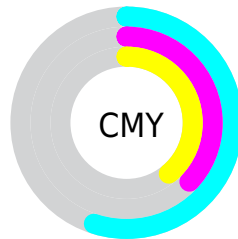


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.5349, 0.2760, 0.3372 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 31.5349, 0.2760, 0.3372 by changing the saturation by 10% instead.

 31.5349, 0.2760,
0.3372


 31.5349, 0.2760,
0.3372


308.9951, 0.2954,
0.3330


 21.0065, 0.2708,
0.3383


 62.0812, 0.2833,
0.3357

 13.1288, 0.2638,
0.3397


 82.8680, 0.2860,
0.3351

 7.5173, 0.2541,
0.3416

 107.8429, 0.2882,
0.3346

 3.7876, 0.2397,
0.3442

137.3905, 0.2901,
0.3342

 1.5555, 0.2160,
0.3481

171.8952, 0.2917,
0.3338

 0.3273, 0.0000,
0.3848

211.7412, 0.2931,

 0.0000, 0.0000,

0.3335

0.0000

257.3130, 0.2943,
0.3332

■ 31.5349, 0.2760,
0.3372

■ 31.5349, 0.2760,
0.3372

■ 30.4796, 0.2651,
0.3405

■ 32.7842, 0.2881,
0.3341

■ 29.6046, 0.2556,
0.3440

■ 34.2330, 0.3011,
0.3313

■ 28.9004, 0.2478,
0.3476

■ 35.8910, 0.3147,
0.3287

■ 28.3550, 0.2417,
0.3512

■ 37.7665, 0.3286,
0.3263

■ 27.9548, 0.2375,
0.3549

■ 39.8670, 0.3427,
0.3242

■ 27.6841, 0.2351,
0.3586

■ 42.1999, 0.3568,
0.3223

■ 27.5126, 0.2342,
0.3623

■ 44.7721, 0.3706,
0.3207

■ 27.4905, 0.2341,
0.3628

■ 47.5903, 0.3840,
0.3193

■ 49.7244, 0.3926,
0.3179

Harmonies

Analogous

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



31.5349, 0.2980, 0.3606



31.5349, 0.2760, 0.3372



31.5349, 0.2639, 0.3124

Triad

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



31.5349, 0.2760, 0.3372



31.5349, 0.2992, 0.2878



31.5349, 0.3635, 0.3622

Complementary

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



31.5349, 0.2760, 0.3372



21.1877, 0.3670, 0.3211

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.



31.5349, 0.3642, 0.3420



31.5349, 0.2760, 0.3372



31.5349, 0.3262, 0.3002

Square

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



31.5349, 0.2760, 0.3372



31.5349, 0.2768, 0.2852



31.5349, 0.3503, 0.3196



31.5349, 0.3487, 0.3747

Rectangle

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



31.5349, 0.2760, 0.3372



31.5349, 0.2627, 0.2989



31.5349, 0.3503, 0.3196



31.5349, 0.3654, 0.3561

Sweetspot

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



31.5362, 0.2760, 0.3372



61.1407, 0.3003, 0.3314



30.7480, 0.3139, 0.4085



13.3267, 0.2985, 0.3318



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.



31.5362, 0.2760, 0.3372



55.2871, 0.2693, 0.3392



25.9695, 0.2692, 0.2990



7.9979, 0.3001, 0.3314



21.9561, 0.2340, 0.3625



0.4649, 0.2303, 0.3491

Inverse Universe

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



21.1877, 0.3670, 0.3211



33.8165, 0.3833, 0.3194



25.4855, 0.3661, 0.3571



7.0979, 0.3268, 0.3266



6.0886, 0.6241, 0.3212



0.1314, 0.5637, 0.2879

Previews

White Background



This preview shows how the Yxy color 31.5349, 0.2760, 0.3372 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 31.5349, 0.2760, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

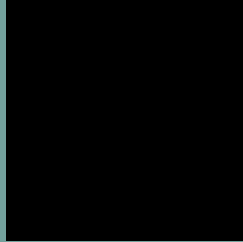
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5349, 0.2760, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 31.5349, 0.2760, 0.3372.



This preview shows how white text looks on a background with the Yxy color 31.5349, 0.2760, 0.3372.

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

31.5349, 0.2760, 0.3372

Protanopia

31.3038, 0.3177, 0.3305

Deuteranopia

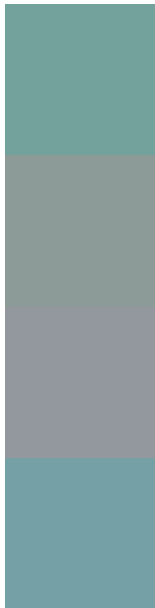
31.1572, 0.3177, 0.3113



Tritanopia

31.5881, 0.2669, 0.3097

Trichromacy



Original Color

31.5349, 0.2760, 0.3372

Protanomaly

31.2851, 0.3009, 0.3337

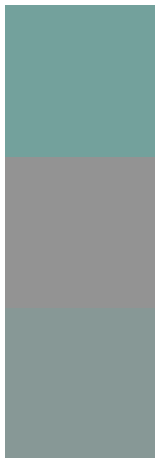
Deuteranomaly

31.0361, 0.3013, 0.3197

Tritanomaly

31.6767, 0.2699, 0.3192

Monochromacy



Original Color

31.5349, 0.2760, 0.3372

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.8094, 0.2978, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5349, 0.2760, 0.3372 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(115, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(115, 161, 156)  
}
```

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(115, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 161, 156) }
```

Border

The CSS property to change the border of an element to Yxy 31.5349, 0.2760, 0.3372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

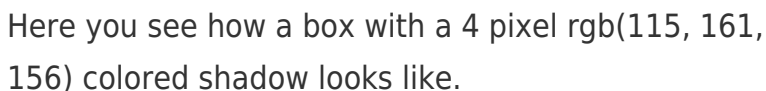
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 161, 156) }
```

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

```
.border{ border-color:rgb(115, 161, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 161, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 161, 156); box-shadow:4px 4px 4px 4px rgb(115, 161, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5349, 0.2760, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 161, 156) }
```

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

```
.background{ background-color: rgb(115,  
161, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor