

Converting Colors

$Yxy(31.3937, 0.2704, 0.3287)$

Have a look what the booklet for
Yxy(31.3937, 0.2704, 0.3287)
contains.

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Color

Yxy(31.5077, 0.2699, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	70A1A1
RGB	112, 161, 161
RGB Percent	44%, 63%, 63%
CMY	0.5609, 0.3686, 0.3687
CMYK	0.30, 0.00, 0.00, 0.37
HSL	180°, 21%, 54%
HSV	180°, 30%, 63%
XYZ	25.8557, 31.5077, 38.4338
YIQ	146.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

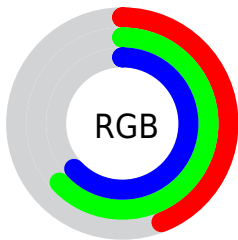
Format	Color
RYB	112, 137, 161
Decimal	7381409
CIELab	62.93, -16.26, -5.25
CIElCh	63, 17.086, 197.902
Yxy	31.5077, 0.2699, 0.3289
Android (android.graphics.Color)	4285571489 (0xFF70A1A1)
YUV	146.3490, 7.2229, -30.1241
Hunter-Lab	56.1317, -16.0090, -1.3041

Details

The Yxy color **31.5077, 0.2699, 0.3289** is a light color, and the websafe version is hex **669999**. A complement of this color would be **20.3275, 0.3791, 0.3292**, and the grayscale version is **28.8712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0689, 0.2780, 0.3289**, and **13.0552, 0.2552, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **30.5458, 0.2583, 0.3289**, and if you desaturate by 10%, it is **32.6610, 0.2829, 0.3289**.

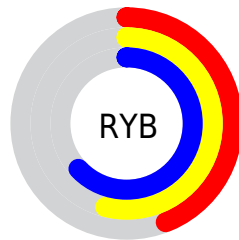
Distribution



Red (44%)

Green (63%)

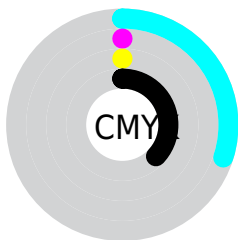
Blue (63%)



Red (44%)

Yellow (54%)

Blue (63%)

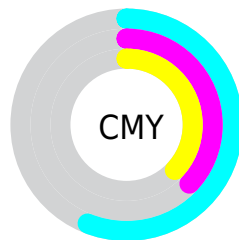


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5077, 0.2699, 0.3289 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 31.5077, 0.2699, 0.3289 by changing the saturation by 10% instead.


 31.5077, 0.2699,
0.3289


 31.5077, 0.2699,
0.3289


308.8705, 0.2925,
0.3293

 20.9858, 0.2639,
0.3287


 62.0385, 0.2784,
0.3291


 13.1136, 0.2559,
0.3283


 82.8162, 0.2815,
0.3292

 7.5068, 0.2448,
0.3276

 107.7812, 0.2841,
0.3292

 3.7810, 0.2284,
0.3263

 137.3180, 0.2863,
0.3292

 1.5518, 0.2019,
0.3231

171.8109, 0.2881,
0.3293

 0.3248, 0.0000,
0.3106

211.6444, 0.2898,

 0.0000, 0.0000,

0.3293

0.0000

257.2028, 0.2912,
0.3293

■ 31.5077, 0.2699,
0.3289

■ 31.5077, 0.2699,
0.3289

■ 30.5458, 0.2583,
0.3289

■ 32.6610, 0.2829,
0.3289

■ 29.7614, 0.2483,
0.3289

■ 34.0112, 0.2970,
0.3290

■ 29.1447, 0.2400,
0.3288


■ 35.5683, 0.3120,
0.3290

■ 28.6836, 0.2336,
0.3288


■ 37.3404, 0.3275,
0.3290

■ 28.3642, 0.2290,
0.3288

■ 39.3353, 0.3433,
0.3291


 28.1701, 0.2262,
0.3288

 41.5604, 0.3592,
0.3291

 28.0653, 0.2247,
0.3288

 44.0226, 0.3748,
0.3292

 46.7288, 0.3902,
0.3292

 49.3285, 0.4033,
0.3292

Harmonies

Analogous

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



31.5077, 0.2896, 0.3543



31.5077, 0.2699, 0.3289



31.5077, 0.2615, 0.3049

Triad

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



31.5077, 0.2699, 0.3289



31.5077, 0.3076, 0.2900



31.5077, 0.3611, 0.3682

Complementary

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



31.5077, 0.2699, 0.3289



20.3275, 0.3791, 0.3292

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.



31.5077, 0.3668, 0.3494



31.5077, 0.2699, 0.3289



31.5077, 0.3352, 0.3054

Square

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



31.5077, 0.2699, 0.3289



31.5077, 0.2825, 0.2839



31.5077, 0.3572, 0.3267



31.5077, 0.3423, 0.3773

Rectangle

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



31.5077, 0.2699, 0.3289



31.5077, 0.2630, 0.2931



31.5077, 0.3572, 0.3267



31.5077, 0.3647, 0.3628

Sweetspot

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



31.5090, 0.2699, 0.3289



61.2415, 0.2989, 0.3290



30.1588, 0.3094, 0.4156



13.3521, 0.2969, 0.3290



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.



31.5090, 0.2699, 0.3289



55.1411, 0.2613, 0.3289



23.9937, 0.2654, 0.2881



8.0112, 0.2988, 0.3290



22.4115, 0.2247, 0.3288



0.4709, 0.2247, 0.3288

Inverse Universe

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



20.3275, 0.3791, 0.3292



31.6595, 0.4023, 0.3292



26.2625, 0.3682, 0.3666



7.0860, 0.3285, 0.3290



6.0517, 0.6400, 0.3299



0.1272, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 31.5077, 0.2699, 0.3289 looks on a white background.

Color Contrast Check

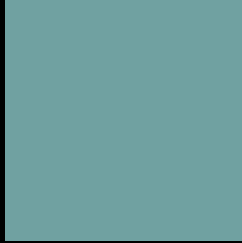
Large Text (above 18pt) WCAG AA × Fail

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 31.5077, 0.2699, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

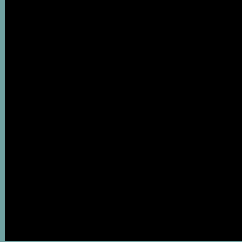
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5077, 0.2699, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 31.5077, 0.2699, 0.3289.

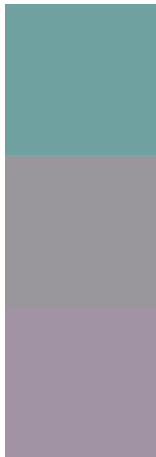


This preview shows how white text looks on a background with the Yxy color 31.5077, 0.2699, 0.3289.

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

31.5077, 0.2699, 0.3289

Protanopia

31.2721, 0.3110, 0.3229

Deuteranopia

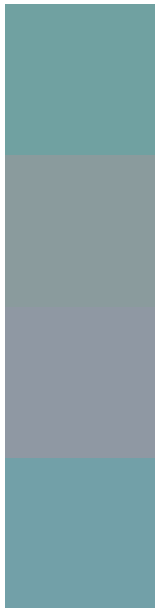
31.1248, 0.3108, 0.3039



Tritanopia

31.4197, 0.2638, 0.3080

Trichromacy



Original Color

31.5077, 0.2699, 0.3289

Protanomaly

31.2803, 0.2946, 0.3258

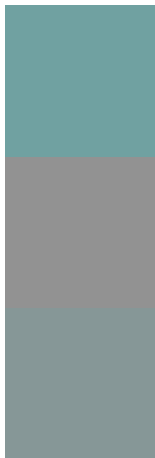
Deuteranomaly

30.9405, 0.2940, 0.3119

Tritanomaly

31.5462, 0.2662, 0.3159

Monochromacy



Original Color

31.5077, 0.2699, 0.3289

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.4359, 0.2960, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5077, 0.2699, 0.3289 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, 161)` looks like.

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

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, 161) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 31.5077, 0.2699, 0.3289 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, 161) }
```

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

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

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, 161)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 31.5077, 0.2699, 0.3289 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, 161) }
```

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

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

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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