

Converting Colors

$Yxy(30.9124, 0.2689, 0.3410)$

Have a look what the booklet for
Yxy(30.9124, 0.2689, 0.3410)
contains.

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Color

Yxy(30.7659, 0.2690, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	68A19A
RGB	104, 161, 154
RGB Percent	41%, 63%, 60%
CMY	0.5922, 0.3686, 0.3961
CMYK	0.35, 0.00, 0.04, 0.37
HSL	173°, 23%, 52%
HSV	173°, 35%, 63%
XYZ	24.2841, 30.7659, 35.2255
YIQ	143.1590, -31.7250, -14.2610

Conversions

Conversions Part 2

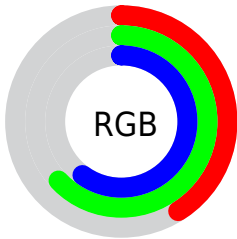
Format	Color
RYB	104, 134, 161
Decimal	6857114
CIELab	62.31, -20.27, -2.28
CIELCh	62, 20.397, 186.421
Yxy	30.7659, 0.2690, 0.3408
Android (android.graphics.Color)	4285047194 (0xFF68A19A)
YUV	143.1590, 5.3446, -34.3424
Hunter-Lab	55.4670, -18.9179, 1.1735

Details

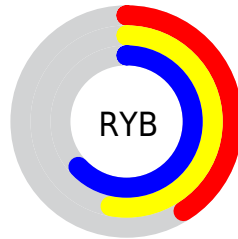
The Yxy color **30.7659, 0.2690, 0.3408** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6227, 0.3843, 0.3179**, and the grayscale version is **27.5216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8339, 0.2777, 0.3390**, and **12.6734, 0.2547, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **29.8286, 0.2592, 0.3447**, and if you desaturate by 10%, it is **31.8907, 0.2802, 0.3371**.

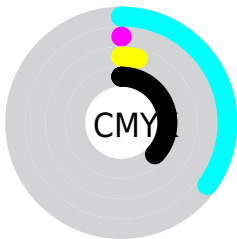
Distribution



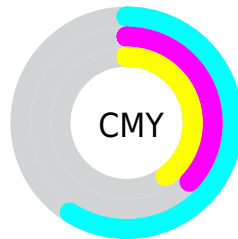
- Red (41%)
- Green (63%)
- Blue (60%)



- Red (41%)
- Yellow (53%)
- Blue (63%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)





- Cyan (59%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7659, 0.2690, 0.3408 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 30.7659, 0.2690, 0.3408 by changing the saturation by 10% instead.


 30.7659, 0.2690,
0.3408


 30.7659, 0.2690,
0.3408


305.4584, 0.2922,
0.3347


 20.4207, 0.2627,
0.3424

 60.8713, 0.2778,
0.3385

 12.7012, 0.2544,
0.3444


 81.4003, 0.2810,
0.3377

 7.2231, 0.2427,
0.3472


 106.0926, 0.2836,
0.3370

 3.6020, 0.2254,
0.3512

 135.3327, 0.2859,
0.3364

 1.4535, 0.1967,
0.3572

169.5049, 0.2878,
0.3359

 0.2557, 0.0000,
0.3687

208.9936, 0.2895,

 0.0000, 0.0000,

0.3354

0.0000

254.1833, 0.2909,
0.3351

■ 30.7659, 0.2690,
0.3408

■ 30.7659, 0.2690,
0.3408

■ 29.8286, 0.2592,
0.3447

■ 31.8907, 0.2802,
0.3371

■ 29.0646, 0.2509,
0.3487

■ 33.2090, 0.2924,
0.3337

■ 28.4635, 0.2443,
0.3529


■ 34.7310, 0.3054,
0.3306

■ 28.0124, 0.2396,
0.3571

■ 36.4652, 0.3190,
0.3277

■ 27.6964, 0.2368,
0.3613

■ 38.4195, 0.3328,
0.3252


 27.4960, 0.2357,
0.3655

 40.6014, 0.3467,
0.3229

 27.4212, 0.2354,
0.3674

 43.0182, 0.3604,
0.3209

 45.6767, 0.3739,
0.3191

 48.5835, 0.3870,
0.3176

Harmonies

Analogous

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



30.7659, 0.2962, 0.3698



30.7659, 0.2690, 0.3408



30.7659, 0.2536, 0.3099

Triad

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



30.7659, 0.2690, 0.3408



30.7659, 0.2941, 0.2783



30.7659, 0.3758, 0.3680

Complementary

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



30.7659, 0.2690, 0.3408



18.6227, 0.3843, 0.3179

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.



30.7659, 0.3757, 0.3428



30.7659, 0.2690, 0.3408



30.7659, 0.3271, 0.2928

Square

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



30.7659, 0.2690, 0.3408



30.7659, 0.2674, 0.2758



30.7659, 0.3575, 0.3158



30.7659, 0.3582, 0.3847

Rectangle

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



30.7659, 0.2690, 0.3408



30.7659, 0.2515, 0.2931



30.7659, 0.3575, 0.3158



30.7659, 0.3778, 0.3602

Sweetspot

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



30.7671, 0.2690, 0.3408



60.5709, 0.2978, 0.3324



29.9091, 0.3147, 0.4304



13.2106, 0.2962, 0.3328



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.



30.7671, 0.2690, 0.3408



53.6641, 0.2606, 0.3440



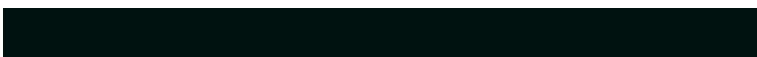
24.3004, 0.2591, 0.2924



7.9962, 0.3003, 0.3318



21.9024, 0.2353, 0.3671



0.4641, 0.2311, 0.3518

Inverse Universe

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



18.6227, 0.3843, 0.3179



28.4266, 0.4103, 0.3153



23.2168, 0.3830, 0.3627



7.0995, 0.3266, 0.3263



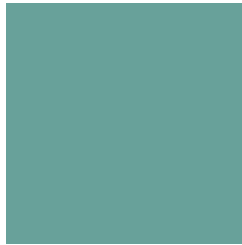
6.0949, 0.6215, 0.3198



0.1320, 0.5556, 0.2835

Previews

White Background



This preview shows how the Yxy color 30.7659, 0.2690, 0.3408 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 30.7659, 0.2690, 0.3408 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 30.7659, 0.2690, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 30.7659, 0.2690, 0.3408.

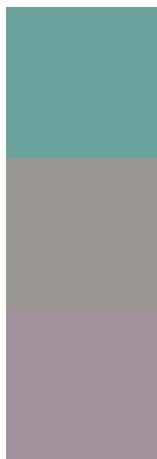


This preview shows how white text looks on a background with the Yxy color 30.7659, 0.2690, 0.3408.

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

30.7659, 0.2690, 0.3408

Protanopia

30.3738, 0.3187, 0.3321

Deuteranopia

30.5692, 0.3176, 0.3126



Tritanopia

30.5821, 0.2591, 0.3076

Trichromacy



Original Color

30.7659, 0.2690, 0.3408

Protanomaly

30.1354, 0.2978, 0.3338

Deuteranomaly

30.1090, 0.2973, 0.3210

Tritanomaly

30.6387, 0.2629, 0.3189

Monochromacy



Original Color

30.7659, 0.2690, 0.3408

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.5864, 0.2947, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7659, 0.2690, 0.3408 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(104, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(104, 161, 154)  
}
```

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(104, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 161, 154) }
```

Border

The CSS property to change the border of an element to Yxy 30.7659, 0.2690, 0.3408 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(104, 161, 154) }
```

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

```
.border{ border-color:rgb(104, 161, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(104, 161,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7659, 0.2690, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 161, 154) }
```

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

```
.background{ background-color: rgb(104,  
161, 154) }
```

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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