

Converting Colors

$Y_{xy}(30.1258, 0.2739, 0.3365)$

Have a look what the booklet for
Yxy(30.1258, 0.2739, 0.3365)
contains.

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Color

Yxy(30.1663, 0.2739, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	6F9E9A
RGB	111, 158, 154
RGB Percent	44%, 62%, 60%
CMY	0.5645, 0.3804, 0.3960
CMYK	0.30, 0.00, 0.03, 0.38
HSL	175°, 19%, 53%
HSV	175°, 30%, 62%
XYZ	24.6202, 30.1663, 35.1011
YIQ	143.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

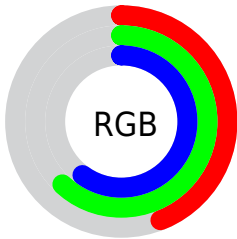
Format	Color
RYB	111, 136, 158
Decimal	7315098
CIELab	61.80, -16.61, -3.00
CIElCh	62, 16.874, 190.248
Yxy	30.1663, 0.2739, 0.3356
Android (android.graphics.Color)	4285505178 (0xFF6F9E9A)
YUV	143.4910, 5.1809, -28.4946
Hunter-Lab	54.9239, -16.1021, 0.5552

Details

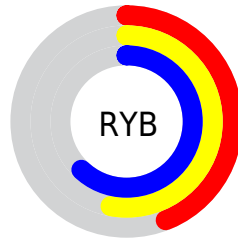
The Yxy color **30.1663, 0.2739, 0.3356** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.8867, 0.3713, 0.3227**, and the grayscale version is **27.6663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0351, 0.2819, 0.3352**, and **12.2794, 0.2610, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **29.1867, 0.2629, 0.3382**, and if you desaturate by 10%, it is **31.3301, 0.2861, 0.3332**.

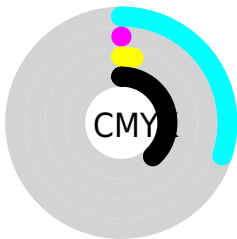
Distribution



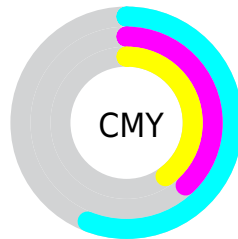
- Red (44%)
- Green (62%)
- Blue (60%)



- Red (44%)
- Yellow (53%)
- Blue (62%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)




- Cyan (56%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1663, 0.2739, 0.3356 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 30.1663, 0.2739, 0.3356 by changing the saturation by 10% instead.


 30.1663, 0.2739,
0.3356


 30.1663, 0.2739,
0.3356

302.6788, 0.2946,
0.3323


 19.9648, 0.2683,
0.3364


 59.9251, 0.2817,
0.3344

 12.3695, 0.2608,
0.3375


 80.2512, 0.2846,
0.3339

 6.9958, 0.2503,
0.3389


 104.7210, 0.2869,
0.3335

 3.4595, 0.2346,
0.3407

 133.7188, 0.2889,
0.3332

 1.3761, 0.2085,
0.3432

167.6291, 0.2906,
0.3329

 0.1990, 0.0000,
0.3181

206.8363, 0.2921,

 0.0000, 0.0000,

0.3327

0.0000

251.7248, 0.2934,
0.3325

■ 30.1663, 0.2739,
0.3356

■ 30.1663, 0.2739,
0.3356

■ 29.1867, 0.2629,
0.3382

■ 31.3301, 0.2861,
0.3332

■ 28.3781, 0.2534,
0.3408

■ 32.6834, 0.2993,
0.3310

■ 27.7314, 0.2456,
0.3436

■ 34.2356, 0.3131,
0.3289

■ 27.2349, 0.2396,
0.3464

■ 35.9945, 0.3274,
0.3271

■ 26.8756, 0.2354,
0.3492

■ 37.9675, 0.3419,
0.3255

■ 26.6381, 0.2330,
0.3521

■ 40.1615, 0.3563,
0.3240

■ 26.4872, 0.2320,
0.3549

■ 42.5833, 0.3705,
0.3227

■ 26.4831, 0.2319,
0.3550

■ 45.2393, 0.3844,
0.3216

■ 48.1355, 0.3978,
0.3207

Harmonies

Analogous

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



30.1663, 0.2958, 0.3600



30.1663, 0.2739, 0.3356



30.1663, 0.2623, 0.3104

Triad

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



30.1663, 0.2739, 0.3356



30.1663, 0.3007, 0.2874



30.1663, 0.3641, 0.3642

Complementary

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



30.1663, 0.2739, 0.3356



19.8867, 0.3713, 0.3227

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.



30.1663, 0.3659, 0.3438



30.1663, 0.2739, 0.3356



30.1663, 0.3284, 0.3007

Square

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



30.1663, 0.2739, 0.3356



30.1663, 0.2772, 0.2840



30.1663, 0.3526, 0.3209



30.1663, 0.3481, 0.3763

Rectangle

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



30.1663, 0.2739, 0.3356



30.1663, 0.2617, 0.2970



30.1663, 0.3526, 0.3209



30.1663, 0.3664, 0.3580

Sweetspot

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



30.1675, 0.2739, 0.3356



59.5007, 0.3000, 0.3309



29.2956, 0.3132, 0.4121



13.3323, 0.2981, 0.3312



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.



30.1675, 0.2739, 0.3356



53.5104, 0.2661, 0.3374



24.3789, 0.2674, 0.2963



7.4998, 0.2999, 0.3309



21.2151, 0.2319, 0.3547



0.3819, 0.2287, 0.3434

Inverse Universe

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



19.8867, 0.3713, 0.3227



31.6048, 0.3913, 0.3211



24.3365, 0.3682, 0.3595



6.6548, 0.3271, 0.3271



5.8486, 0.6280, 0.3233



0.1069, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 30.1663, 0.2739, 0.3356 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 30.1663, 0.2739, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

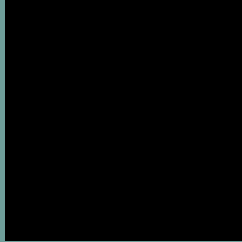
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

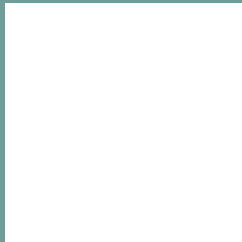
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.1663, 0.2739, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 30.1663, 0.2739, 0.3356.

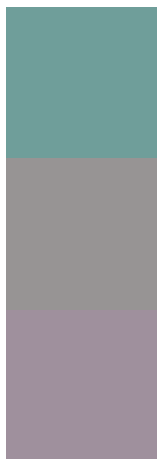


This preview shows how white text looks on a background with the Yxy color 30.1663, 0.2739, 0.3356.

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

30.1663, 0.2739, 0.3356

Protanopia

29.8972, 0.3158, 0.3290

Deuteranopia

29.7518, 0.3157, 0.3094



Tritanopia

30.1815, 0.2654, 0.3093

Trichromacy



Original Color

30.1663, 0.2739, 0.3356

Protanomaly

29.8927, 0.2988, 0.3322

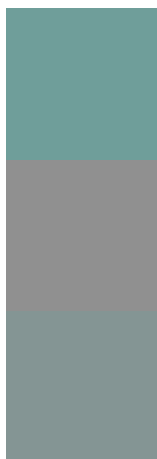
Deuteranomaly

29.6460, 0.2992, 0.3179

Tritanomaly

30.2690, 0.2685, 0.3190

Monochromacy



Original Color

30.1663, 0.2739, 0.3356

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5385, 0.2967, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1663, 0.2739, 0.3356 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(111, 158, 154)` looks like.

```
.text, #text, p{  
    color:rgb(111, 158, 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(111, 158, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 158, 154) }
```

Border

The CSS property to change the border of an element to Yxy 30.1663, 0.2739, 0.3356 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(111, 158, 154) }
```

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

```
.border{ border-color:rgb(111, 158, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 158, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 158, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 158, 154);  
box-shadow:4px 4px 4px 4px rgb(111, 158,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1663, 0.2739, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 158, 154) }
```

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

```
.background{ background-color: rgb(111,  
158, 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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