

Converting Colors

Yxy(31.4322, 0.2698, 0.3623)

Have a look what the booklet for
Yxy(31.4322, 0.2698, 0.3623)
contains.

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Color

Yxy(31.4724, 0.2698, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	60A592
RGB	96, 165, 146
RGB Percent	38%, 65%, 57%
CMY	0.6237, 0.3529, 0.4275
CMYK	0.42, 0.00, 0.12, 0.35
HSL	163°, 28%, 51%
HSV	163°, 42%, 65%
XYZ	23.4630, 31.4724, 32.0290
YIQ	142.2030, -35.0250, -20.5370

Conversions

Conversions Part 2

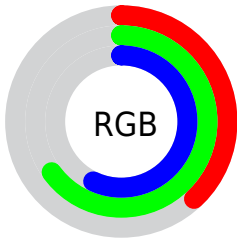
Format	Color
RYB	96, 136, 165
Decimal	6333842
CIELab	62.90, -26.45, 3.03
CIElCh	63, 26.624, 173.465
Yxy	31.4724, 0.2698, 0.3619
Android (android.graphics.Color)	4284523922 (0xFF60A592)
YUV	142.2030, 1.8719, -40.5200
Hunter-Lab	56.1003, -23.5209, 5.4201

Details

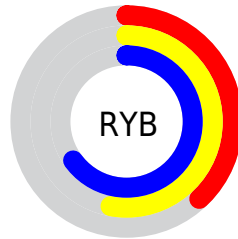
The Yxy color **31.4724, 0.2698, 0.3619** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.5949, 0.3877, 0.2993**, and the grayscale version is **27.1338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8406, 0.2786, 0.3545**, and **13.1684, 0.2552, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **30.5325, 0.2622, 0.3713**, and if you desaturate by 10%, it is **32.6083, 0.2787, 0.3530**.

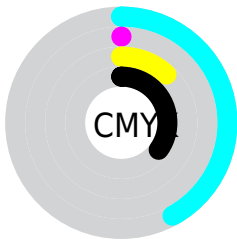
Distribution



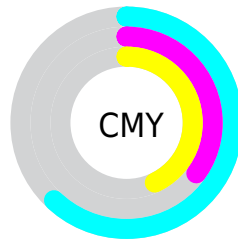
- Red (38%)
- Green (65%)
- Blue (57%)



- Red (38%)
- Yellow (53%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (35%)




- Cyan (62%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4724, 0.2698, 0.3619 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 31.4724, 0.2698, 0.3619 by changing the saturation by 10% instead.


 31.4724, 0.2698,
0.3619


 31.4724, 0.2698,
0.3619


308.7088, 0.2927,
0.3441


 20.9588, 0.2636,
0.3668


 61.9831, 0.2785,
0.3551

 13.0939, 0.2552,
0.3735

 82.7489, 0.2817,
0.3527

 7.4932, 0.2434,
0.3830


 107.7010, 0.2843,
0.3506

 3.7724, 0.2257,
0.3975

 137.2238, 0.2865,
0.3489

 1.5471, 0.1948,
0.4233

171.7015, 0.2884,
0.3475

 0.3215, 0.0000,
0.6993

211.5187, 0.2900,

 0.0000, 0.0000,

0.3462

0.0000

257.0596, 0.2915,
0.3451

■ 31.4724, 0.2698,
0.3619

■ 31.4724, 0.2698,
0.3619

■ 30.5325, 0.2622,
0.3713

■ 32.6083, 0.2787,
0.3530

■ 29.7729, 0.2562,
0.3812

■ 33.9472, 0.2887,
0.3447

■ 29.1815, 0.2520,
0.3913


■ 35.5006, 0.2994,
0.3371

■ 28.7432, 0.2497,
0.4015


■ 37.2777, 0.3106,
0.3302

■ 28.4402, 0.2493,
0.4117


■ 39.2875, 0.3221,
0.3240

 28.2599, 0.2500,
0.4200

 41.5382, 0.3336,
0.3184

 44.0378, 0.3451,
0.3135

 46.7939, 0.3563,
0.3092

 49.8136, 0.3671,
0.3054

Harmonies

Analogous

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



31.4724, 0.3088, 0.3948



31.4724, 0.2698, 0.3619



31.4724, 0.2433, 0.3201

Triad

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



31.4724, 0.2698, 0.3619



31.4724, 0.2722, 0.2612



31.4724, 0.3975, 0.3648

Complementary

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



31.4724, 0.2698, 0.3619



17.5949, 0.3877, 0.2993

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.



31.4724, 0.3870, 0.3307



31.4724, 0.2698, 0.3619



31.4724, 0.3121, 0.2735

Square

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



31.4724, 0.2698, 0.3619



31.4724, 0.2447, 0.2645



31.4724, 0.3549, 0.2982



31.4724, 0.3835, 0.3929

Rectangle

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



31.4724, 0.2698, 0.3619



31.4724, 0.2354, 0.2952



31.4724, 0.3549, 0.2982



31.4724, 0.3968, 0.3537

Sweetspot

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



31.4737, 0.2698, 0.3619



63.1600, 0.2979, 0.3381



31.4381, 0.3240, 0.4487



13.6750, 0.2956, 0.3397



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.4737, 0.2698, 0.3619



54.8168, 0.2629, 0.3704



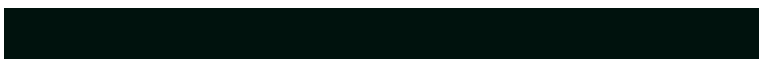
27.0295, 0.2526, 0.3031



7.9778, 0.3023, 0.3353



21.3845, 0.2497, 0.4190



0.4567, 0.2395, 0.3823

Inverse Universe

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



17.5949, 0.3877, 0.2993



26.6570, 0.4131, 0.2933



20.1947, 0.4072, 0.3529



7.1165, 0.3244, 0.3228



6.2050, 0.5801, 0.2969



0.1379, 0.4843, 0.2442

Previews

White Background



This preview shows how the Yxy color 31.4724, 0.2698, 0.3619 looks on a white background.

Color Contrast Check

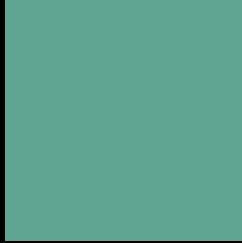
Large Text (above 18pt) WCAG AA × Fail

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 31.4724, 0.2698, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

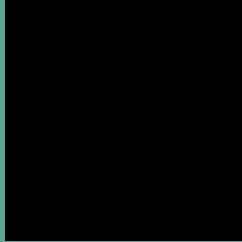
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4724, 0.2698, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 31.4724, 0.2698, 0.3619.



This preview shows how white text looks on a background with the Yxy color 31.4724, 0.2698, 0.3619.

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

31.4724, 0.2698, 0.3619

Protanopia

31.1363, 0.3314, 0.3491

Deuteranopia

31.2849, 0.3307, 0.3246



Tritanopia

31.4293, 0.2543, 0.3077

Trichromacy



Original Color

31.4724, 0.2698, 0.3619

Protanomaly

30.8509, 0.3058, 0.3534

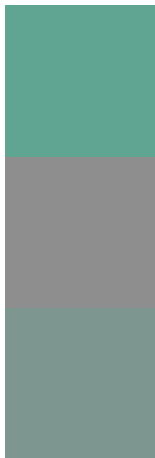
Deuteranomaly

30.9438, 0.3045, 0.3369

Tritanomaly

31.2303, 0.2593, 0.3255

Monochromacy



Original Color

31.4724, 0.2698, 0.3619

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.1558, 0.2944, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4724, 0.2698, 0.3619 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(96, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(96, 165, 146)  
}
```

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(96, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 165, 146) }
```

Border

The CSS property to change the border of an element to Yxy 31.4724, 0.2698, 0.3619 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(96, 165, 146) }
```

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

```
.border{ border-color:rgb(96, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(96, 165,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4724, 0.2698, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 165, 146) }
```

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

```
.background{ background-color: rgb(96, 165,  
146) }
```

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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