

Converting Colors

$Yxy(31.6068, 0.2869, 0.4073)$

Have a look what the booklet for
Yxy(31.6068, 0.2869, 0.4073)
contains.

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Color

Yxy(31.5543, 0.2869, 0.4075)

Conversions

Conversions Part 1

Format	Color
Hex	60A77B
RGB	96, 167, 123
RGB Percent	38%, 65%, 48%
CMY	0.6237, 0.3451, 0.5176
CMYK	0.43, 0.00, 0.26, 0.35
HSL	143°, 29%, 52%
HSV	143°, 43%, 65%
XYZ	22.2158, 31.5543, 23.6638
YIQ	140.7550, -28.1920, -28.7360

Conversions

Conversions Part 2

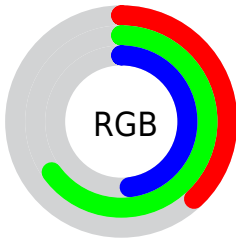
Format	Color
RYB	96, 147, 167
Decimal	6334331
CIELab	62.97, -32.40, 15.91
CIElCh	63, 36.101, 153.844
Yxy	31.5543, 0.2869, 0.4075
Android (android.graphics.Color)	4284524411 (0xFF60A77B)
YUV	140.7550, -8.7532, -39.2501
Hunter-Lab	56.1732, -27.7087, 14.3445

Details

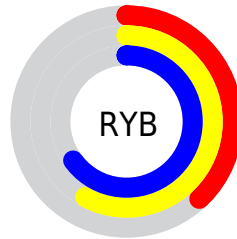
The Yxy color **31.5543, 0.2869, 0.4075** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4680, 0.3531, 0.2625**, and the grayscale version is **26.5763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3940, 0.2928, 0.3903**, and **13.0426, 0.2763, 0.4369** is the 20% darker color. If you saturate the color by 10%, you get **30.4988, 0.2826, 0.4302**, and if you desaturate by 10%, it is **32.8322, 0.2922, 0.3861**.

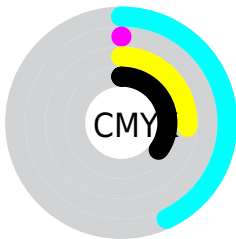
Distribution



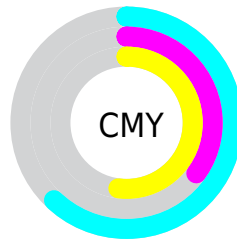
- Red (38%)
- Green (65%)
- Blue (48%)



- Red (38%)
- Yellow (58%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (26%)
- Black (35%)





- Cyan (62%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5543, 0.2869, 0.4075 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 31.5543, 0.2869, 0.4075 by changing the saturation by 10% instead.


 31.5543, 0.2869,
0.4075


 31.5543, 0.2869,
0.4075


309.0839, 0.3016,
0.3638

 21.0213, 0.2825,
0.4202


 62.1117, 0.2927,
0.3904

 13.1396, 0.2763,
0.4377


 82.9049, 0.2948,
0.3843

 7.5247, 0.2671,
0.4633


 107.8870, 0.2964,
0.3794

 3.7924, 0.2519,
0.5041

 137.4423, 0.2978,
0.3752

 1.5581, 0.2222,
0.6032

171.9552, 0.2990,
0.3717

 0.3291, 0.0000,
1.0000

211.8102, 0.3000,

 0.0000, 0.0000,

0.3687

0.0000

257.3917, 0.3009,
0.3660

■ 31.5543, 0.2869,
0.4075

■ 31.5543, 0.2869,
0.4075

■ 30.4988, 0.2826,
0.4302

■ 32.8322, 0.2922,
0.3861

■ 29.6486, 0.2795,
0.4539

■ 34.3406, 0.2982,
0.3665

■ 28.9904, 0.2780,
0.4777

■ 36.0919, 0.3045,
0.3487

■ 28.5076, 0.2783,
0.5008

■ 38.0965, 0.3111,
0.3328

■ 28.1806, 0.2803,
0.5222


■ 40.3642, 0.3176,
0.3186

 28.0057, 0.2825,
0.5369

 42.9043, 0.3240,
0.3062

 45.7256, 0.3301,
0.2953

 48.8364, 0.3360,
0.2858

 52.2448, 0.3416,
0.2775

Harmonies

Analogous

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



31.5543, 0.3431, 0.4333



31.5543, 0.2869, 0.4075



31.5543, 0.2403, 0.3537

Triad

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



31.5543, 0.2869, 0.4075



31.5543, 0.2327, 0.2397



31.5543, 0.4224, 0.3450

Complementary

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



31.5543, 0.2869, 0.4075



18.4680, 0.3531, 0.2625

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.



31.5543, 0.3875, 0.3015



31.5543, 0.2869, 0.4075



31.5543, 0.2749, 0.2435

Square

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



31.5543, 0.2869, 0.4075



31.5543, 0.2117, 0.2571



31.5543, 0.3316, 0.2656



31.5543, 0.4239, 0.3888

Rectangle

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



31.5543, 0.2869, 0.4075



31.5543, 0.2202, 0.3147



31.5543, 0.3316, 0.2656



31.5543, 0.4142, 0.3301

Sweetspot

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



31.5556, 0.2869, 0.4075



64.3987, 0.3041, 0.3499



34.1432, 0.3482, 0.4418



14.2540, 0.3027, 0.3535



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.5556, 0.2869, 0.4075



54.7215, 0.2828, 0.4288



32.5777, 0.2622, 0.3448



8.4533, 0.3066, 0.3433



21.4371, 0.2820, 0.5352



0.5316, 0.2627, 0.4658

Inverse Universe

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



18.4680, 0.3531, 0.2625



28.1460, 0.3659, 0.2486



17.6048, 0.4053, 0.3145



7.6175, 0.3193, 0.3151



7.0520, 0.4435, 0.2217



0.1811, 0.3937, 0.1943

Previews

White Background



This preview shows how the Yxy color 31.5543, 0.2869, 0.4075 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 31.5543, 0.2869, 0.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

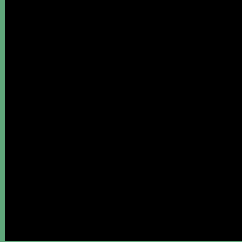
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5543, 0.2869, 0.4075

Background



This preview shows how black text looks on a background with the Yxy color 31.5543, 0.2869, 0.4075.



This preview shows how white text looks on a background with the Yxy color 31.5543, 0.2869, 0.4075.

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

31.5543, 0.2869, 0.4075

Protanopia

31.0756, 0.3587, 0.3828

Deuteranopia

31.2302, 0.3626, 0.3555



Tritanopia

31.3469, 0.2582, 0.3078

Trichromacy



Original Color

31.5543, 0.2869, 0.4075

Protanomaly

30.8491, 0.3284, 0.3917

Deuteranomaly

30.7286, 0.3308, 0.3741

Tritanomaly

31.5040, 0.2687, 0.3424

Monochromacy



Original Color

31.5543, 0.2869, 0.4075

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.8939, 0.3024, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5543, 0.2869, 0.4075 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, 167, 123)` looks like.

```
.text, #text, p{  
    color:rgb(96, 167, 123)  
}
```

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, 167, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 167, 123) }
```

Border

The CSS property to change the border of an element to Yxy 31.5543, 0.2869, 0.4075 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, 167, 123) }
```

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

```
.border{ border-color:rgb(96, 167, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 167, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 167, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 167, 123);  
box-shadow:4px 4px 4px 4px rgb(96, 167,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5543, 0.2869, 0.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 167, 123) }
```

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

```
.background{ background-color: rgb(96, 167,  
123) }
```

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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