

Converting Colors

$Yxy(31.5867, 0.2741, 0.3814)$

Have a look what the booklet for
Yxy(31.5867, 0.2741, 0.3814)
contains.

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Color

Yxy(31.7189, 0.2739, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	5CA789
RGB	92, 167, 137
RGB Percent	36%, 65%, 54%
CMY	0.6391, 0.3451, 0.4628
CMYK	0.45, 0.00, 0.18, 0.35
HSL	156°, 30%, 51%
HSV	156°, 45%, 65%
XYZ	22.7489, 31.7189, 28.5877
YIQ	141.1550, -35.0700, -25.2300

Conversions

Conversions Part 2

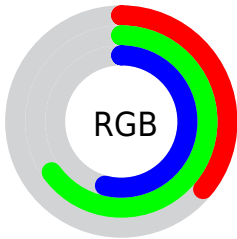
Format	Color
RYB	92, 139, 167
Decimal	6072201
CIELab	63.11, -30.55, 8.33
CIELCh	63, 31.666, 164.749
Yxy	31.7189, 0.2739, 0.3819
Android (android.graphics.Color)	4284262281 (0xFF5CA789)
YUV	141.1550, -2.0484, -43.1089
Hunter-Lab	56.3195, -26.4585, 9.3282

Details

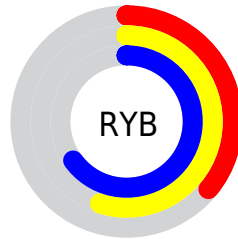
The Yxy color **31.7189, 0.2739, 0.3819** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2798, 0.3811, 0.2829**, and the grayscale version is **26.7209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6041, 0.2822, 0.3717**, and **13.1161, 0.2598, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **30.7667, 0.2679, 0.3963**, and if you desaturate by 10%, it is **32.8752, 0.2812, 0.3683**.

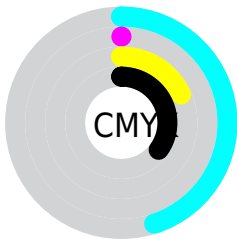
Distribution



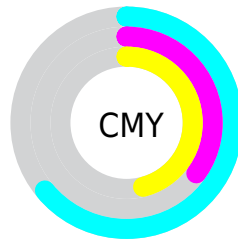
- Red (36%)
- Green (65%)
- Blue (54%)



- Red (36%)
- Yellow (55%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)





- Cyan (64%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.7189, 0.2739, 0.3819 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 31.7189, 0.2739, 0.3819 by changing the saturation by 10% instead.


 31.7189, 0.2739,
0.3819


 31.7189, 0.2739,
0.3819

309.8368, 0.2949,
0.3529

 21.1469, 0.2680,
0.3902


 62.3702, 0.2820,
0.3706


 13.2314, 0.2601,
0.4014


 83.2182, 0.2849,
0.3666

 7.5881, 0.2488,
0.4178


 108.2603, 0.2873,
0.3633

 3.8325, 0.2314,
0.4435

 137.8810, 0.2893,
0.3606

 1.5803, 0.1973,
0.4920

172.4646, 0.2910,
0.3582

 0.3443, 0.0000,
1.0000

212.3955, 0.2925,

 0.0000, 0.0000,

0.3562

0.0000

258.0581, 0.2938,
0.3544

■ 31.7189, 0.2739,
0.3819

■ 31.7189, 0.2739,
0.3819

■ 30.7667, 0.2679,
0.3963

■ 32.8752, 0.2812,
0.3683

■ 30.0018, 0.2634,
0.4113

■ 34.2433, 0.2895,
0.3557

■ 29.4113, 0.2608,
0.4267


■ 35.8353, 0.2986,
0.3442


■ 28.9787, 0.2602,
0.4421

■ 37.6611, 0.3080,
0.3337


■ 28.6836, 0.2614,
0.4572


■ 39.7302, 0.3177,
0.3243

 28.5610, 0.2624,
0.4648

 42.0515, 0.3273,
0.3160

 44.6333, 0.3369,
0.3086

 47.4836, 0.3462,
0.3021

 50.6102, 0.3552,
0.2964

Harmonies

Analogous

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



31.7189, 0.3220, 0.4149



31.7189, 0.2739, 0.3819



31.7189, 0.2381, 0.3322

Triad

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



31.7189, 0.2739, 0.3819



31.7189, 0.2537, 0.2488



31.7189, 0.4128, 0.3586

Complementary

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



31.7189, 0.2739, 0.3819



17.2798, 0.3811, 0.2829

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.



31.7189, 0.3921, 0.3188



31.7189, 0.2739, 0.3819



31.7189, 0.2970, 0.2584

Square

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



31.7189, 0.2739, 0.3819



31.7189, 0.2275, 0.2578



31.7189, 0.3483, 0.2833



31.7189, 0.4038, 0.3952

Rectangle

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



31.7189, 0.2739, 0.3819



31.7189, 0.2250, 0.3003



31.7189, 0.3483, 0.2833



31.7189, 0.4092, 0.3453

Sweetspot

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



31.7202, 0.2739, 0.3819



64.6918, 0.3001, 0.3424



32.6412, 0.3338, 0.4548



14.3291, 0.2981, 0.3447



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.



31.7202, 0.2739, 0.3819



55.0883, 0.2678, 0.3964



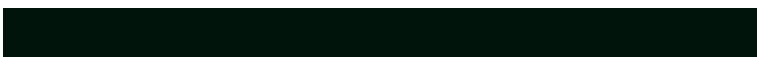
30.4699, 0.2517, 0.3183



8.4804, 0.3038, 0.3382



21.8649, 0.2621, 0.4634



0.5417, 0.2482, 0.4136

Inverse Universe

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



17.2798, 0.3811, 0.2829



25.8637, 0.4051, 0.2735



17.7749, 0.4246, 0.3391



7.5902, 0.3226, 0.3200



6.6043, 0.5335, 0.2713



0.1708, 0.4482, 0.2243

Previews

White Background



This preview shows how the Yxy color 31.7189, 0.2739, 0.3819 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 31.7189, 0.2739, 0.3819 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 31.7189, 0.2739, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 31.7189, 0.2739, 0.3819.

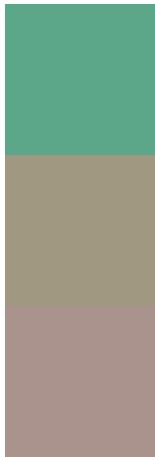


This preview shows how white text looks on a background with the Yxy color 31.7189, 0.2739, 0.3819.

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

31.7189, 0.2739, 0.3819

Protanopia

31.5150, 0.3433, 0.3644

Deuteranopia

31.4485, 0.3442, 0.3379



Tritanopia

31.7606, 0.2533, 0.3077

Trichromacy



Original Color

31.7189, 0.2739, 0.3819

Protanomaly

30.9308, 0.3137, 0.3702

Deuteranomaly

30.7554, 0.3136, 0.3515

Tritanomaly

31.7208, 0.2605, 0.3339

Monochromacy



Original Color

31.7189, 0.2739, 0.3819

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.9171, 0.2951, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7189, 0.2739, 0.3819 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(92, 167, 137)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 137)  
}
```

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(92, 167, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 137) }
```

Border

The CSS property to change the border of an element to Yxy 31.7189, 0.2739, 0.3819 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(92, 167, 137) }
```

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

```
.border{ border-color:rgb(92, 167, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 167, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 167, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 167, 137);  
box-shadow:4px 4px 4px 4px rgb(92, 167,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7189, 0.2739, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 137) }
```

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

```
.background{ background-color: rgb(92, 167,  
137) }
```

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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