

Converting Colors

$Yxy(31.2231, 0.2969, 0.3497)$

Have a look what the booklet for
Yxy(31.2231, 0.2969, 0.3497)
contains.

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Color

Yxy(31.2439, 0.2976, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	829E91
RGB	130, 158, 145
RGB Percent	51%, 62%, 57%
CMY	0.4900, 0.3804, 0.4313
CMYK	0.18, 0.00, 0.08, 0.38
HSL	152°, 13%, 56%
HSV	152°, 18%, 62%
XYZ	26.5511, 31.2439, 31.4223
YIQ	148.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

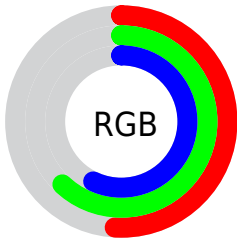
Format	Color
RYB	130, 148, 158
Decimal	8560273
CIELab	62.71, -12.43, 3.55
CIELCh	63, 12.924, 164.079
Yxy	31.2439, 0.2976, 0.3502
Android (android.graphics.Color)	4286750353 (0xFF829E91)
YUV	148.1460, -1.5510, -15.9140
Hunter-Lab	55.8962, -13.0298, 5.7972

Details

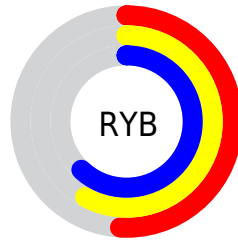
The Yxy color **31.2439, 0.2976, 0.3502** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2343, 0.3310, 0.3087**, and the grayscale version is **29.6942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7793, 0.3004, 0.3460**, and **13.0471, 0.2916, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **29.8702, 0.2896, 0.3640**, and if you desaturate by 10%, it is **32.8267, 0.3061, 0.3377**.

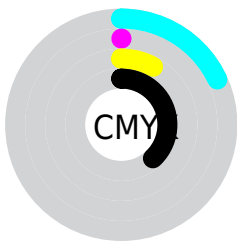
Distribution



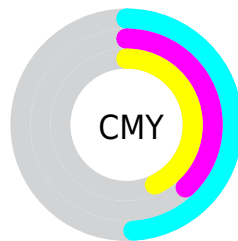
- Red (51%)
- Green (62%)
- Blue (57%)



- Red (51%)
- Yellow (58%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)




- Cyan (49%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.2439, 0.2976, 0.3502 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 31.2439, 0.2976, 0.3502 by changing the saturation by 10% instead.

 31.2439, 0.2976,
0.3502


 31.2439, 0.2976,
0.3502


307.6604, 0.3057,
0.3387


 20.7846, 0.2954,
0.3534


 61.6239, 0.3007,
0.3458

 12.9667, 0.2923,
0.3577


 82.3134, 0.3018,
0.3442

 7.4056, 0.2880,
0.3639


 107.1817, 0.3028,
0.3429

 3.7170, 0.2814,
0.3734

136.6134, 0.3035,
0.3418

 1.5166, 0.2699,
0.3901

170.9926, 0.3042,
0.3409

 0.3003, 0.0000,
0.7914

210.7040, 0.3048,

 0.0000, 0.0000,

0.3401

0.0000

256.1318, 0.3053,
0.3394

■ 31.2439, 0.2976,
0.3502

■ 31.2439, 0.2976,
0.3502

■ 29.8702, 0.2896,
0.3640

■ 32.8267, 0.3061,
0.3377

■ 28.6928, 0.2822,
0.3790

■ 34.6231, 0.3147,
0.3265

■ 27.7032, 0.2758,
0.3952

■ 36.6424, 0.3234,
0.3165

■ 26.8909, 0.2708,
0.4123

■ 38.8921, 0.3320,
0.3077

■ 26.2444, 0.2673,
0.4300

■ 41.3795, 0.3403,
0.3000

■ 25.7505, 0.2657,
0.4479

■ 44.1113, 0.3484,
0.2932

■ 25.3941, 0.2660,
0.4657

■ 47.0942, 0.3561,
0.2872

■ 25.1496, 0.2680,
0.4828

■ 50.0577, 0.3622,
0.2818

■ 25.0987, 0.2685,
0.4868

■ 50.4179, 0.3552,
0.2745

Harmonies

Analogous

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



31.2439, 0.3180, 0.3627



31.2439, 0.2976, 0.3502



31.2439, 0.2816, 0.3316

Triad

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



31.2439, 0.2976, 0.3502



31.2439, 0.2877, 0.2944



31.2439, 0.3533, 0.3428

Complementary

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



31.2439, 0.2976, 0.3502



25.2343, 0.3310, 0.3087

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.



31.2439, 0.3447, 0.3252



31.2439, 0.2976, 0.3502



31.2439, 0.3063, 0.2980

Square

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



31.2439, 0.2976, 0.3502



31.2439, 0.2760, 0.2997



31.2439, 0.3273, 0.3091



31.2439, 0.3506, 0.3575

Rectangle

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



31.2439, 0.2976, 0.3502



31.2439, 0.2753, 0.3189



31.2439, 0.3273, 0.3091



31.2439, 0.3516, 0.3370

Sweetspot

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



31.2452, 0.2976, 0.3502



60.4259, 0.3083, 0.3347



31.9113, 0.3234, 0.3738



13.5759, 0.3077, 0.3355



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.



31.2452, 0.2976, 0.3502



55.7746, 0.2945, 0.3552



31.3525, 0.2867, 0.3274



7.4574, 0.3047, 0.3396



20.1127, 0.2682, 0.4854



0.3681, 0.2492, 0.4171

Inverse Universe

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



25.2343, 0.3310, 0.3087



42.8900, 0.3356, 0.3042



25.1122, 0.3455, 0.3306



6.6949, 0.3215, 0.3186



6.2196, 0.5062, 0.2562



0.1197, 0.4188, 0.2081

Previews

White Background



This preview shows how the Yxy color 31.2439, 0.2976, 0.3502 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 31.2439, 0.2976, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

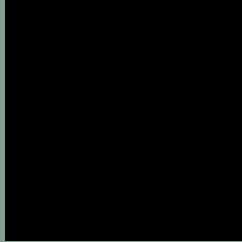
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2439, 0.2976, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 31.2439, 0.2976, 0.3502.



This preview shows how white text looks on a background with the Yxy color 31.2439, 0.2976, 0.3502.

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

31.2439, 0.2976, 0.3502

Protanopia

31.1242, 0.3274, 0.3445

Deuteranopia

30.8798, 0.3340, 0.3276



Tritanopia

31.3010, 0.2827, 0.3101

Trichromacy



Original Color

31.2439, 0.2976, 0.3502

Protanomaly

31.2672, 0.3168, 0.3479

Deuteranomaly

30.7580, 0.3206, 0.3352

Tritanomaly

31.2667, 0.2884, 0.3242

Monochromacy



Original Color

31.2439, 0.2976, 0.3502

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.2258, 0.3064, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2439, 0.2976, 0.3502 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(130, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(130, 158, 145)  
}
```

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(130, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 158, 145) }
```

Border

The CSS property to change the border of an element to Yxy 31.2439, 0.2976, 0.3502 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(130, 158, 145) }
```

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

```
.border{ border-color:rgb(130, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(130, 158,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2439, 0.2976, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 158, 145) }
```

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

```
.background{ background-color: rgb(130,  
158, 145) }
```

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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