

Converting Colors

$Yxy(31.5589, 0.2910, 0.3528)$

Have a look what the booklet for
Yxy(31.5589, 0.2910, 0.3528)
contains.

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Color

Yxy(31.4279, 0.2905, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	7BA092
RGB	123, 160, 146
RGB Percent	48%, 63%, 57%
CMY	0.5176, 0.3725, 0.4274
CMYK	0.23, 0.00, 0.09, 0.37
HSL	157°, 16%, 55%
HSV	157°, 23%, 63%
XYZ	25.9296, 31.4279, 31.9010
YIQ	147.3410, -17.5580, -12.1980

Conversions

Conversions Part 2

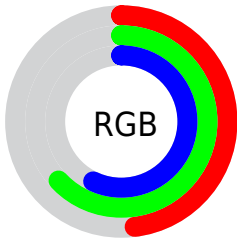
Format	Color
RYB	123, 146, 160
Decimal	8102034
CIELab	62.87, -15.66, 3.14
CIELCh	63, 15.975, 168.653
Yxy	31.4279, 0.2905, 0.3521
Android (android.graphics.Color)	4286292114 (0xFF7BA092)
YUV	147.3410, -0.6611, -21.3471
Hunter-Lab	56.0606, -15.5448, 5.5038

Details

The Yxy color **31.4279, 0.2905, 0.3521** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4480, 0.3418, 0.3071**, and the grayscale version is **29.3361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0011, 0.2949, 0.3474**, and **12.9861, 0.2820, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **30.1606, 0.2818, 0.3637**, and if you desaturate by 10%, it is **32.9006, 0.2999, 0.3415**.

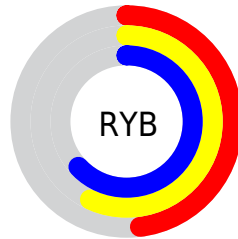
Distribution



Red (48%)

Green (63%)

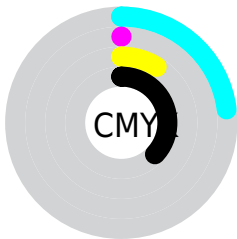
Blue (57%)



Red (48%)

Yellow (57%)

Blue (63%)

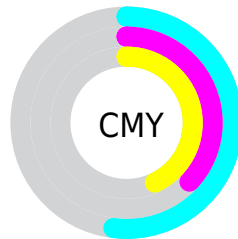


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (37%)



Cyan (52%)


Magenta (37%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4279, 0.2905, 0.3521 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 31.4279, 0.2905, 0.3521 by changing the saturation by 10% instead.


 31.4279, 0.2905,
0.3521


 31.4279, 0.2905,
0.3521


308.5048, 0.3024,
0.3396


 20.9249, 0.2872,
0.3556


 61.9131, 0.2950,
0.3473

 13.0691, 0.2828,
0.3602


 82.6642, 0.2967,
0.3456

 7.4762, 0.2766,
0.3669


 107.6000, 0.2980,
0.3442

 3.7616, 0.2671,
0.3773

137.1050, 0.2992,
0.3430

 1.5411, 0.2509,
0.3952

171.5636, 0.3002,
0.3420

 0.3174, 0.0000,
0.7161

211.3602, 0.3010,

 0.0000, 0.0000,

0.3411

0.0000

256.8791, 0.3018,
0.3403

■ 31.4279, 0.2905,
0.3521

■ 31.4279, 0.2905,
0.3521

■ 30.1606, 0.2818,
0.3637

■ 32.9006, 0.2999,
0.3415

■ 29.0854, 0.2741,
0.3763

■ 34.5837, 0.3096,
0.3318

■ 28.1931, 0.2676,
0.3896

■ 36.4868, 0.3196,
0.3232

■ 27.4726, 0.2626,
0.4036

■ 38.6179, 0.3295,
0.3154

■ 26.9113, 0.2595,
0.4179

■ 40.9843, 0.3394,
0.3086

■ 26.4947, 0.2582,
0.4324

■ 43.5932, 0.3489,
0.3026

■ 26.2059, 0.2589,
0.4467

■ 46.4515, 0.3582,
0.2974

■ 26.0525, 0.2601,
0.4564

■ 49.5657, 0.3671,
0.2928

■ 50.5926, 0.3649,
0.2872

Harmonies

Analogous

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



31.4279, 0.3152, 0.3693



31.4279, 0.2905, 0.3521



31.4279, 0.2722, 0.3284

Triad

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



31.4279, 0.2905, 0.3521



31.4279, 0.2849, 0.2867



31.4279, 0.3633, 0.3488

Complementary

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



31.4279, 0.2905, 0.3521



23.4480, 0.3418, 0.3071

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.



31.4279, 0.3547, 0.3275



31.4279, 0.2905, 0.3521



31.4279, 0.3086, 0.2926

Square

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



31.4279, 0.2905, 0.3521



31.4279, 0.2691, 0.2912



31.4279, 0.3343, 0.3073



31.4279, 0.3577, 0.3661

Rectangle

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



31.4279, 0.2905, 0.3521



31.4279, 0.2658, 0.3129



31.4279, 0.3343, 0.3073



31.4279, 0.3620, 0.3418

Sweetspot

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



31.4292, 0.2905, 0.3521



61.5196, 0.3057, 0.3356



31.9063, 0.3235, 0.3896



13.4558, 0.3051, 0.3361



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.



31.4292, 0.2905, 0.3521



55.7731, 0.2857, 0.3583



30.4209, 0.2788, 0.3219



7.4669, 0.3036, 0.3376



20.3033, 0.2598, 0.4551



0.3710, 0.2440, 0.3985

Inverse Universe

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



23.4480, 0.3418, 0.3071



38.5640, 0.3506, 0.3016



24.1670, 0.3574, 0.3360



6.6856, 0.3228, 0.3206



6.0879, 0.5416, 0.2757



0.1168, 0.4436, 0.2217

Previews

White Background



This preview shows how the Yxy color 31.4279, 0.2905, 0.3521 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 31.4279, 0.2905, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

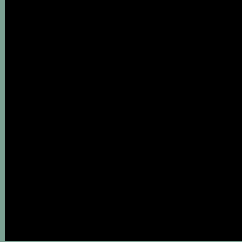
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

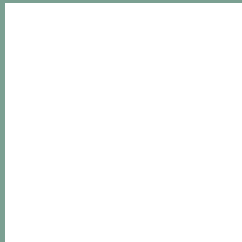
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.4279, 0.2905, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 31.4279, 0.2905, 0.3521.



This preview shows how white text looks on a background with the Yxy color 31.4279, 0.2905, 0.3521.

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

31.4279, 0.2905, 0.3521

Protanopia

31.2244, 0.3285, 0.3444

Deuteranopia

31.2529, 0.3318, 0.3261



Tritanopia

31.5677, 0.2761, 0.3100

Trichromacy



Original Color

31.4279, 0.2905, 0.3521

Protanomaly

31.1141, 0.3139, 0.3464

Deuteranomaly

31.1739, 0.3154, 0.3352

Tritanomaly

31.4625, 0.2808, 0.3241

Monochromacy



Original Color

31.4279, 0.2905, 0.3521

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.9663, 0.3034, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4279, 0.2905, 0.3521 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(123, 160, 146)` looks like.

```
.text, #text, p{  
    color:rgb(123, 160, 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(123, 160, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 160, 146) }
```

Border

The CSS property to change the border of an element to Yxy 31.4279, 0.2905, 0.3521 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(123, 160, 146) }
```

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

```
.border{ border-color:rgb(123, 160, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 160, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 160, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 160, 146);  
box-shadow:4px 4px 4px 4px rgb(123, 160,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4279, 0.2905, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 160, 146) }
```

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

```
.background{ background-color: rgb(123,  
160, 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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