

Converting Colors

$Yxy(31.0497, 0.2972, 0.3606)$

Have a look what the booklet for
Yxy(31.0497, 0.2972, 0.3606)
contains.

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Color

Yxy(31.0497, 0.2972, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	7D9F8C
RGB	125, 159, 140
RGB Percent	49%, 62%, 55%
CMY	0.5098, 0.3765, 0.4509
CMYK	0.21, 0.00, 0.12, 0.38
HSL	147°, 15%, 56%
HSV	147°, 21%, 62%
XYZ	25.5906, 31.0497, 29.4654
YIQ	146.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

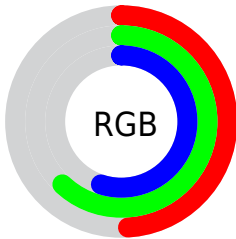
Format	Color
R_{YB}	125, 149, 159
Decimal	8232844
CIE _{Lab}	62.55, -15.71, 6.07
CIE _{LCh}	63, 16.844, 158.891
Yxy	31.0497, 0.2972, 0.3606
Android (android.graphics.Color)	4286422924 (0xFF7D9F8C)
YUV	146.6680, -3.2873, -19.0028
Hunter-Lab	55.7223, -15.5373, 7.6536

Details

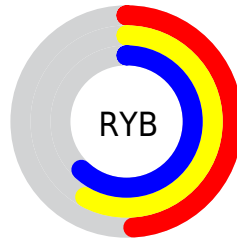
The Yxy color **31.0497, 0.2972, 0.3606** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0511, 0.3319, 0.2994**, and the grayscale version is **29.0528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4532, 0.3001, 0.3537**, and **12.7494, 0.2912, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **29.6972, 0.2905, 0.3779**, and if you desaturate by 10%, it is **32.6175, 0.3044, 0.3449**.

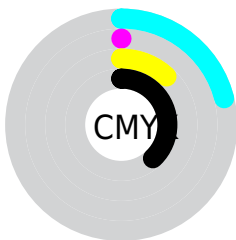
Distribution



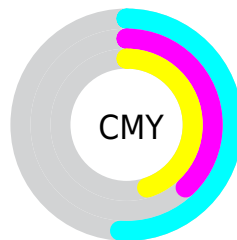
- Red (49%)
- Green (62%)
- Blue (55%)



- Red (49%)
- Yellow (58%)
- Blue (62%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (38%)




- Cyan (51%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0497, 0.2972, 0.3606 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 31.0497, 0.2972, 0.3606 by changing the saturation by 10% instead.

 31.0497, 0.2972,
0.3606

 31.0497, 0.2972,
0.3606


306.7672, 0.3057,
0.3434

 20.6367, 0.2948,
0.3654


 61.3183, 0.3005,
0.3540

 12.8587, 0.2916,
0.3720


 81.9427, 0.3016,
0.3516

 7.3313, 0.2869,
0.3816


 106.7397, 0.3026,
0.3496

 3.6702, 0.2797,
0.3964

136.0937, 0.3034,
0.3480

 1.4908, 0.2668,
0.4229

170.3890, 0.3041,
0.3466

 0.2823, 0.0000,
1.0000

210.0101, 0.3047,

 0.0000, 0.0000,

0.3454

0.0000

255.3414, 0.3052,
0.3443

■ 31.0497, 0.2972,
0.3606

■ 31.0497, 0.2972,
0.3606

■ 29.6972, 0.2905,
0.3779

■ 32.6175, 0.3044,
0.3449

■ 28.5465, 0.2844,
0.3968

■ 34.4056, 0.3117,
0.3308

■ 27.5885, 0.2794,
0.4169

■ 36.4238, 0.3191,
0.3183

■ 26.8120, 0.2757,
0.4380

■ 38.6802, 0.3263,
0.3073

■ 26.2044, 0.2735,
0.4595

■ 41.1822, 0.3333,
0.2976

■ 25.7515, 0.2732,
0.4808

■ 43.9371, 0.3401,
0.2891

■ 25.4366, 0.2748,
0.5012

■ 46.9520, 0.3465,
0.2817

■ 25.2424, 0.2772,
0.5177

■ 50.2335, 0.3527,
0.2752

■ 51.2179, 0.3470,
0.2671

Harmonies

Analogous

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



31.0497, 0.3241, 0.3750



31.0497, 0.2972, 0.3606



31.0497, 0.2751, 0.3367

Triad

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



31.0497, 0.2972, 0.3606



31.0497, 0.2768, 0.2846



31.0497, 0.3650, 0.3427

Complementary

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



31.0497, 0.2972, 0.3606



24.0511, 0.3319, 0.2994

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.



31.0497, 0.3513, 0.3200



31.0497, 0.2972, 0.3606



31.0497, 0.2996, 0.2874

Square

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



31.0497, 0.2972, 0.3606



31.0497, 0.2637, 0.2929



31.0497, 0.3270, 0.3002



31.0497, 0.3639, 0.3630

Rectangle

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



31.0497, 0.2972, 0.3606



31.0497, 0.2658, 0.3196



31.0497, 0.3270, 0.3002



31.0497, 0.3620, 0.3351

Sweetspot

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



31.0510, 0.2972, 0.3606



60.0511, 0.3082, 0.3373



32.2309, 0.3290, 0.3835



13.4950, 0.3078, 0.3381



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.



31.0510, 0.2972, 0.3606



54.3230, 0.2937, 0.3693



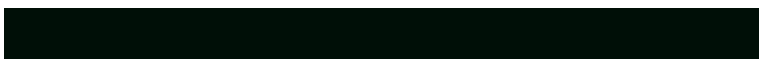
31.5820, 0.2835, 0.3326



7.4473, 0.3059, 0.3417



19.9450, 0.2767, 0.5161



0.3650, 0.2554, 0.4395

Inverse Universe

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



24.0511, 0.3319, 0.2994



39.3443, 0.3377, 0.2920



23.5776, 0.3518, 0.3255



6.7050, 0.3201, 0.3166



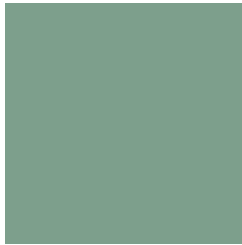
6.3964, 0.4677, 0.2350



0.1228, 0.3965, 0.1958

Previews

White Background



This preview shows how the Yxy color 31.0497, 0.2972, 0.3606 looks on a white background.

Color Contrast Check

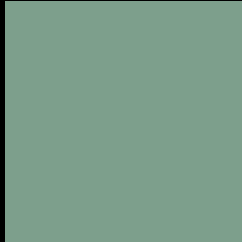
Large Text (above 18pt) WCAG AA × Fail

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 31.0497, 0.2972, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

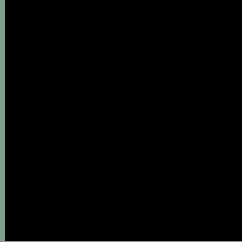
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0497, 0.2972, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 31.0497, 0.2972, 0.3606.



This preview shows how white text looks on a background with the Yxy color 31.0497, 0.2972, 0.3606.

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

31.0497, 0.2972, 0.3606

Protanopia

30.7301, 0.3346, 0.3523

Deuteranopia

30.8658, 0.3391, 0.3335



Tritanopia

30.9785, 0.2792, 0.3099

Trichromacy



Original Color

31.0497, 0.2972, 0.3606

Protanomaly

30.6084, 0.3196, 0.3546

Deuteranomaly

30.7616, 0.3223, 0.3431

Tritanomaly

30.8004, 0.2856, 0.3273

Monochromacy



Original Color

31.0497, 0.2972, 0.3606

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.6358, 0.3072, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0497, 0.2972, 0.3606 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(125, 159, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 159, 140)  
}
```

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(125, 159, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 159, 140) }
```

Border

The CSS property to change the border of an element to Yxy 31.0497, 0.2972, 0.3606 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(125, 159, 140) }
```

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

```
.border{ border-color:rgb(125, 159, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 159, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 159, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 159, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 159,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0497, 0.2972, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 159, 140) }
```

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

```
.background{ background-color: rgb(125,  
159, 140) }
```

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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