

Converting Colors

$Yxy(31.3184, 0.3166, 0.4092)$

Have a look what the booklet for
Yxy(31.3184, 0.3166, 0.4092)
contains.

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Color

Yxy(31.2894, 0.3163, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	7BA273
RGB	123, 162, 115
RGB Percent	48%, 64%, 45%
CMY	0.5176, 0.3647, 0.5489
CMYK	0.24, 0.00, 0.29, 0.36
HSL	110°, 20%, 54%
HSV	110°, 29%, 64%
XYZ	24.1858, 31.2894, 20.9896
YIQ	144.9810, -8.1570, -22.8850

Conversions

Conversions Part 2

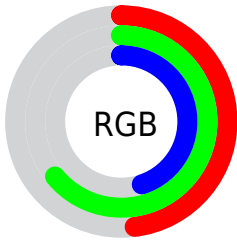
Format	Color
RYB	115, 162, 154
Decimal	8102515
CIELab	62.75, -22.60, 20.24
CIELCh	63, 30.342, 138.150
Yxy	31.2894, 0.3163, 0.4092
Android (android.graphics.Color)	4286292595 (0xFF7BA273)
YUV	144.9810, -14.7806, -19.2773
Hunter-Lab	55.9369, -20.7104, 16.9081

Details

The Yxy color **31.2894, 0.3163, 0.4092** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.7444, 0.3066, 0.2566**, and the grayscale version is **28.3733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6458, 0.3162, 0.3922**, and **12.9617, 0.3162, 0.4404** is the 20% darker color. If you saturate the color by 10%, you get **30.0255, 0.3168, 0.4416**, and if you desaturate by 10%, it is **32.7577, 0.3153, 0.3789**.

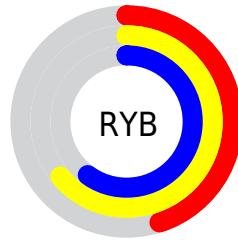
Distribution



Red (48%)

Green (64%)

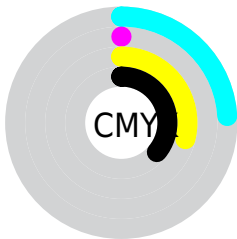
Blue (45%)



Red (45%)

Yellow (64%)

Blue (60%)

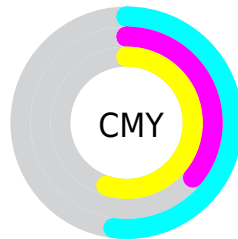


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (52%)


Magenta (36%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2894, 0.3163, 0.4092 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 31.2894, 0.3163, 0.4092 by changing the saturation by 10% instead.


 31.2894, 0.3163,
0.4092


 31.2894, 0.3163,
0.4092


 307.8694, 0.3154,
0.3648

 20.8193, 0.3161,
0.4219


 61.6954, 0.3162,
0.3919

 12.9920, 0.3155,
0.4394


 82.4001, 0.3161,
0.3857


 7.4230, 0.3139,
0.4647


 107.2852, 0.3160,
0.3807

 3.7280, 0.3098,
0.5042

 136.7350, 0.3159,
0.3765

 1.5226, 0.3245,
0.6255

 171.1339, 0.3157,
0.3729

 0.3046, 0.0000,
1.0000

 210.8664, 0.3156,

 0.0000, 0.0000,

0.3698

0.0000

256.3167, 0.3155,
0.3671

■ 31.2894, 0.3163,
0.4092

■ 31.2894, 0.3163,
0.4092

■ 30.0255, 0.3168,
0.4416

■ 32.7577, 0.3153,
0.3789

■ 28.9530, 0.3168,
0.4751

■ 34.4346, 0.3140,
0.3513

■ 28.0636, 0.3160,
0.5081

■ 36.3296, 0.3126,
0.3267

■ 27.3468, 0.3144,
0.5383

■ 38.4499, 0.3110,
0.3049

■ 26.7911, 0.3120,
0.5637

■ 40.8029, 0.3094,
0.2858

■ 26.3834, 0.3090,
0.5824

■ 43.3952, 0.3079,
0.2692

■ 26.1039, 0.3059,
0.5944

■ 46.2334, 0.3064,
0.2546

■ 26.0813, 0.3057,
0.5955

■ 49.3238, 0.3050,
0.2420

■ 52.2920, 0.3080,
0.2359

Harmonies

Analogous

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



31.2894, 0.3631, 0.4157



31.2894, 0.3163, 0.4092



31.2894, 0.2707, 0.3748

Triad

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



31.2894, 0.3163, 0.4092



31.2894, 0.2323, 0.2584



31.2894, 0.3927, 0.3235

Complementary

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



31.2894, 0.3163, 0.4092



21.7444, 0.3066, 0.2566

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.



31.2894, 0.3525, 0.2883



31.2894, 0.3163, 0.4092



31.2894, 0.2598, 0.2517

Square

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



31.2894, 0.3163, 0.4092



31.2894, 0.2246, 0.2842



31.2894, 0.3031, 0.2628



31.2894, 0.4095, 0.3621

Rectangle

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



31.2894, 0.3163, 0.4092



31.2894, 0.2469, 0.3430



31.2894, 0.3031, 0.2628



31.2894, 0.3813, 0.3111

Sweetspot

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



31.2907, 0.3163, 0.4092



62.4596, 0.3140, 0.3518



31.8285, 0.3587, 0.3877



13.9276, 0.3142, 0.3555



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.2907, 0.3163, 0.4092



55.2364, 0.3167, 0.4306



31.0953, 0.2967, 0.3842



7.9503, 0.3141, 0.3520



20.5614, 0.3061, 0.5952



0.4474, 0.3262, 0.5792

Inverse Universe

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



21.7444, 0.3066, 0.2566



34.9376, 0.3047, 0.2396



22.0574, 0.3335, 0.2796



7.1409, 0.3112, 0.3067



6.0914, 0.2790, 0.1311



0.1432, 0.2952, 0.1400

Previews

White Background



This preview shows how the Yxy color 31.2894, 0.3163, 0.4092 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 31.2894, 0.3163, 0.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

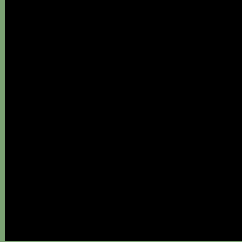
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2894, 0.3163, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 31.2894, 0.3163, 0.4092.



This preview shows how white text looks on a background with the Yxy color 31.2894, 0.3163, 0.4092.

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

31.2894, 0.3163, 0.4092

Protanopia

31.0455, 0.3658, 0.3918

Deuteranopia

30.9298, 0.3748, 0.3670



Tritanopia

31.1754, 0.2801, 0.3085

Trichromacy



Original Color

31.2894, 0.3163, 0.4092

Protanomaly

30.9084, 0.3459, 0.3981

Deuteranomaly

30.6093, 0.3512, 0.3807

Tritanomaly

31.2908, 0.2933, 0.3436

Monochromacy



Original Color

31.2894, 0.3163, 0.4092

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.1728, 0.3144, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2894, 0.3163, 0.4092 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, 162, 115)` looks like.

```
.text, #text, p{  
    color:rgb(123, 162, 115)  
}
```

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, 162, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 162, 115) }
```

Border

The CSS property to change the border of an element to Yxy 31.2894, 0.3163, 0.4092 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, 162, 115) }
```

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

```
.border{ border-color:rgb(123, 162, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 162, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 162, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 162, 115);  
box-shadow:4px 4px 4px 4px rgb(123, 162,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2894, 0.3163, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 162, 115) }
```

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

```
.background{ background-color: rgb(123,  
162, 115) }
```

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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