

Converting Colors

Yxy(31.2582, 0.3282, 0.4655)

Have a look what the booklet for
Yxy(31.2582, 0.3282, 0.4655)
contains.

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Color

Yxy(31.1091, 0.3284, 0.4646)

Conversions

Conversions Part 1

Format	Color
Hex	71A557
RGB	113, 165, 87
RGB Percent	44%, 65%, 34%
CMY	0.5567, 0.3530, 0.6589
CMYK	0.31, 0.00, 0.47, 0.35
HSL	100°, 31%, 49%
HSV	100°, 47%, 65%
XYZ	21.9893, 31.1091, 13.8605
YIQ	140.5600, -5.9540, -35.2820

Conversions

Conversions Part 2

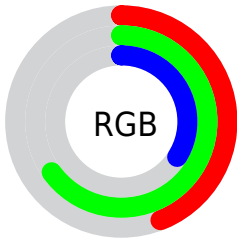
Format	Color
RYB	87, 165, 139
Decimal	7447895
CIELab	62.60, -31.85, 34.91
CIELCh	63, 47.252, 132.374
Yxy	31.1091, 0.3284, 0.4646
Android (android.graphics.Color)	4285637975 (0xFF71A557)
YUV	140.5600, -26.4051, -24.1701
Hunter-Lab	55.7755, -27.2342, 24.3090

Details

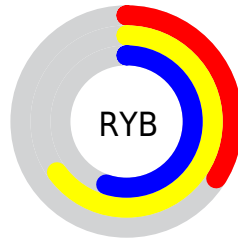
The Yxy color **31.1091, 0.3284, 0.4646** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.0159, 0.2845, 0.2050**, and the grayscale version is **26.5655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2369, 0.3276, 0.4350**, and **12.9488, 0.3261, 0.5152** is the 20% darker color. If you saturate the color by 10%, you get **30.1852, 0.3295, 0.4957**, and if you desaturate by 10%, it is **32.1856, 0.3262, 0.4330**.

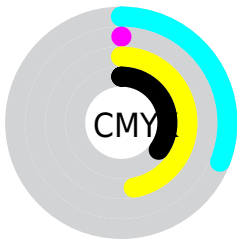
Distribution



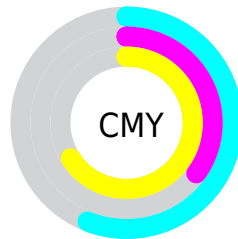
- Red (44%)
- Green (65%)
- Blue (34%)



- Red (34%)
- Yellow (65%)
- Blue (55%)



- Cyan (31%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)





- Cyan (56%)
- Magenta (35%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1091, 0.3284, 0.4646 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 31.1091, 0.3284, 0.4646 by changing the saturation by 10% instead.


 31.1091, 0.3284,
0.4646


 31.1091, 0.3284,
0.4646


307.0406, 0.3230,
0.3887

 20.6819, 0.3283,
0.4862


 61.4118, 0.3273,
0.4350

 12.8917, 0.3271,
0.5156


 82.0561, 0.3266,
0.4245

 7.3540, 0.3227,
0.5569


 106.8750, 0.3259,
0.4159

 3.6845, 0.3181,
0.6331

 136.2527, 0.3252,
0.4086

 1.4987, 0.2679,
0.7321

 170.5737, 0.3246,
0.4025

 0.2878, 0.0000,
1.0000

210.2225, 0.3240,

 0.0000, 0.0000,

0.3973

0.0000

255.5833, 0.3235,
0.3927

■ 31.1091, 0.3284,
0.4646

■ 31.1091, 0.3284,
0.4646

■ 30.1852, 0.3295,
0.4957

■ 32.1856, 0.3262,
0.4330

■ 29.4026, 0.3291,
0.5247

■ 33.4174, 0.3231,
0.4023

■ 28.7543, 0.3271,
0.5497

■ 34.8124, 0.3195,
0.3734


■ 28.2313, 0.3236,
0.5693

■ 36.3766, 0.3156,
0.3468

■ 27.8212, 0.3190,
0.5827

■ 38.1156, 0.3116,
0.3227

 27.7240, 0.3178,
0.5859

 40.0348, 0.3076,
0.3011

 42.1394, 0.3038,
0.2819

 44.4344, 0.3001,
0.2650

 46.9244, 0.2966,
0.2500

Harmonies

Analogous

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



31.1091, 0.3981, 0.4587



31.1091, 0.3284, 0.4646



31.1091, 0.2583, 0.4169

Triad

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



31.1091, 0.3284, 0.4646



31.1091, 0.1894, 0.2268



31.1091, 0.4281, 0.3071

Complementary

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



31.1091, 0.3284, 0.4646



15.0159, 0.2845, 0.2050

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.



31.1091, 0.3587, 0.2595



31.1091, 0.3284, 0.4646



31.1091, 0.2227, 0.2145

Square

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



31.1091, 0.3284, 0.4646



31.1091, 0.1836, 0.2676



31.1091, 0.2822, 0.2268



31.1091, 0.4617, 0.3619

Rectangle

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



31.1091, 0.3284, 0.4646



31.1091, 0.2209, 0.3646



31.1091, 0.2822, 0.2268



31.1091, 0.4077, 0.2900

Sweetspot

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



31.1104, 0.3284, 0.4646



63.1634, 0.3184, 0.3651



26.7764, 0.3991, 0.4066



13.6872, 0.3192, 0.3707



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.



31.1104, 0.3284, 0.4646



53.9459, 0.3295, 0.4980



29.8297, 0.2977, 0.4526



8.0046, 0.3164, 0.3519



20.9996, 0.3184, 0.5854



0.4662, 0.3478, 0.5620

Inverse Universe

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



15.0159, 0.2845, 0.2050



21.4706, 0.2756, 0.1775



17.1238, 0.3333, 0.2311



7.0831, 0.3087, 0.3065



4.5860, 0.2397, 0.1094



0.1205, 0.2704, 0.1263

Previews

White Background



This preview shows how the Yxy color 31.1091, 0.3284, 0.4646 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 31.1091, 0.3284, 0.4646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

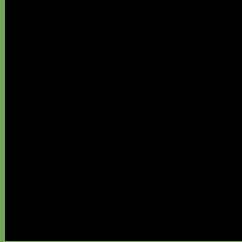
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1091, 0.3284, 0.4646

Background



This preview shows how black text looks on a background with the Yxy color 31.1091, 0.3284, 0.4646.



This preview shows how white text looks on a background with the Yxy color 31.1091, 0.3284, 0.4646.

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

31.1091, 0.3284, 0.4646

Protanopia

30.8494, 0.3954, 0.4308

Deuteranopia

30.7865, 0.4102, 0.4018



Tritanopia

31.0397, 0.2751, 0.3098

Trichromacy



Original Color

31.1091, 0.3284, 0.4646

Protanomaly

30.6201, 0.3694, 0.4432

Deuteranomaly

30.4638, 0.3787, 0.4245

Tritanomaly

30.7253, 0.2945, 0.3627

Monochromacy



Original Color

31.1091, 0.3284, 0.4646

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

28.0185, 0.3206, 0.3787

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1091, 0.3284, 0.4646 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(113, 165, 87)` looks like.

```
.text, #text, p{  
    color:rgb(113, 165, 87)  
}
```

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(113, 165, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 165, 87) }
```

Border

The CSS property to change the border of an element to Yxy 31.1091, 0.3284, 0.4646 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(113, 165, 87) }
```

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

```
.border{ border-color:rgb(113, 165, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 165, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 165, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 165, 87);  
box-shadow:4px 4px 4px 4px rgb(113, 165,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1091, 0.3284, 0.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 165, 87) }
```

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

```
.background{ background-color: rgb(113,  
165, 87) }
```

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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