

Converting Colors

Yxy(31.2443, 0.3024, 0.4084)

Have a look what the booklet for
Yxy(31.2443, 0.3024, 0.4084)
contains.

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Color

Yxy(31.2623, 0.3020, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	6FA477
RGB	111, 164, 119
RGB Percent	44%, 64%, 47%
CMY	0.5647, 0.3569, 0.5332
CMYK	0.32, 0.00, 0.27, 0.36
HSL	129°, 23%, 54%
HSV	129°, 32%, 64%
XYZ	23.1629, 31.2623, 22.2732
YIQ	143.0230, -17.1430, -25.2310

Conversions

Conversions Part 2

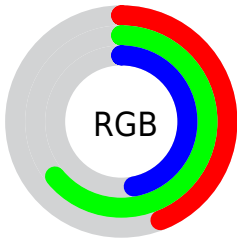
Format	Color
RYB	111, 157, 164
Decimal	7316599
CIELab	62.73, -27.03, 17.90
CIELCh	63, 32.421, 146.498
Yxy	31.2623, 0.3020, 0.4076
Android (android.graphics.Color)	4285506679 (0xFF6FA477)
YUV	143.0230, -11.8433, -28.0842
Hunter-Lab	55.9127, -23.9001, 15.5203

Details

The Yxy color **31.2623, 0.3020, 0.4076** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6640, 0.3258, 0.2614**, and the grayscale version is **27.5334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4958, 0.3050, 0.3908**, and **13.0226, 0.2972, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **29.9851, 0.2990, 0.4371**, and if you desaturate by 10%, it is **32.7865, 0.3053, 0.3803**.

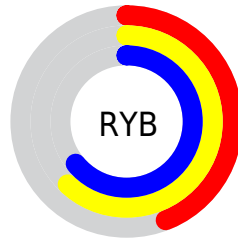
Distribution



Red (44%)

Green (64%)

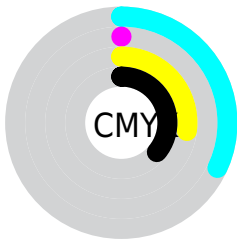
Blue (47%)



Red (44%)

Yellow (62%)

Blue (64%)

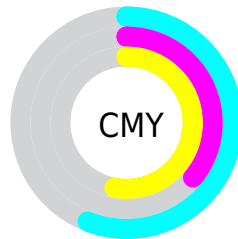


Cyan (32%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (56%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.2623, 0.3020, 0.4076 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 31.2623, 0.3020, 0.4076 by changing the saturation by 10% instead.


 31.2623, 0.3020,
0.4076

 31.2623, 0.3020,
0.4076


307.7449, 0.3087,
0.3639

 20.7987, 0.2998,
0.4202


 61.6528, 0.3048,
0.3905

 12.9769, 0.2964,
0.4377


 82.3485, 0.3057,
0.3845

 7.4126, 0.2911,
0.4631


 107.2236, 0.3065,
0.3795

 3.7215, 0.2816,
0.5034

 136.6626, 0.3071,
0.3753

 1.5190, 0.2738,
0.6121

171.0498, 0.3076,
0.3718

 0.3021, 0.0000,
1.0000

210.7697, 0.3080,

 0.0000, 0.0000,

0.3688

0.0000

256.2066, 0.3084,
0.3662

■ 31.2623, 0.3020,
0.4076

■ 31.2623, 0.3020,
0.4076

■ 29.9851, 0.2990,
0.4371

■ 32.7865, 0.3053,
0.3803

■ 28.9380, 0.2965,
0.4680

■ 34.5656, 0.3086,
0.3556

■ 28.1084, 0.2947,
0.4990

■ 36.6119, 0.3120,
0.3337

■ 27.4808, 0.2938,
0.5283


■ 38.9361, 0.3152,
0.3144

■ 27.0375, 0.2940,
0.5541

■ 41.5478, 0.3182,
0.2977

 26.7578, 0.2952,
0.5745

 44.4566, 0.3211,
0.2831

 26.6201, 0.2962,
0.5863

 47.6713, 0.3237,
0.2706

 51.2006, 0.3262,
0.2597

 54.3612, 0.3254,
0.2495

Harmonies

Analogous

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



31.2623, 0.3529, 0.4231



31.2623, 0.3020, 0.4076



31.2623, 0.2563, 0.3642

Triad

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



31.2623, 0.3020, 0.4076



31.2623, 0.2334, 0.2499



31.2623, 0.4063, 0.3342

Complementary

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



31.2623, 0.3020, 0.4076



21.6640, 0.3258, 0.2614

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.



31.2623, 0.3689, 0.2953



31.2623, 0.3020, 0.4076



31.2623, 0.2677, 0.2485

Square

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



31.2623, 0.3020, 0.4076



31.2623, 0.2192, 0.2713



31.2623, 0.3169, 0.2649



31.2623, 0.4156, 0.3748

Rectangle

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



31.2623, 0.3020, 0.4076



31.2623, 0.2345, 0.3291



31.2623, 0.3169, 0.2649



31.2623, 0.3965, 0.3207

Sweetspot

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



31.2636, 0.3020, 0.4076



63.4894, 0.3093, 0.3507



34.7718, 0.3521, 0.4100



13.7771, 0.3089, 0.3538



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.



31.2636, 0.3020, 0.4076



54.9848, 0.2997, 0.4294



31.9895, 0.2813, 0.3602



7.9117, 0.3097, 0.3486



20.4158, 0.2959, 0.5851



0.4337, 0.2818, 0.5344

Inverse Universe

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



21.6640, 0.3258, 0.2614



34.7121, 0.3295, 0.2461



20.8640, 0.3595, 0.3001



7.1837, 0.3159, 0.3101



7.4910, 0.3623, 0.1770



0.1621, 0.3452, 0.1676

Previews

White Background



This preview shows how the Yxy color 31.2623, 0.3020, 0.4076 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 31.2623, 0.3020, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

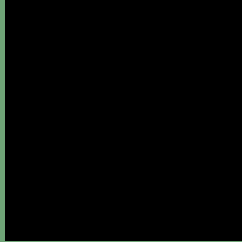
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2623, 0.3020, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 31.2623, 0.3020, 0.4076.



This preview shows how white text looks on a background with the Yxy color 31.2623, 0.3020, 0.4076.

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

31.2623, 0.3020, 0.4076

Protanopia

31.0069, 0.3617, 0.3874

Deuteranopia

30.7948, 0.3683, 0.3614



Tritanopia

31.0812, 0.2696, 0.3081

Trichromacy



Original Color

31.2623, 0.3020, 0.4076

Protanomaly

30.8544, 0.3375, 0.3958

Deuteranomaly

30.5370, 0.3415, 0.3767

Tritanomaly

31.1579, 0.2814, 0.3439

Monochromacy



Original Color

31.2623, 0.3020, 0.4076

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.6797, 0.3084, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2623, 0.3020, 0.4076 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(111, 164, 119)` looks like.

```
.text, #text, p{  
    color:rgb(111, 164, 119)  
}
```

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(111, 164, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 164, 119) }
```

Border

The CSS property to change the border of an element to Yxy 31.2623, 0.3020, 0.4076 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(111, 164, 119) }
```

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

```
.border{ border-color:rgb(111, 164, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 164, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 164, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 164, 119);  
box-shadow:4px 4px 4px 4px rgb(111, 164,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2623, 0.3020, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 164, 119) }
```

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

```
.background{ background-color: rgb(111,  
164, 119) }
```

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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