

Converting Colors

$Yxy(32.2497, 0.3195, 0.4156)$

Have a look what the booklet for
Yxy(32.2497, 0.3195, 0.4156)
contains.

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Color

Yxy(32.1031, 0.3196, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	7DA471
RGB	125, 164, 113
RGB Percent	49%, 64%, 44%
CMY	0.5097, 0.3569, 0.5568
CMYK	0.24, 0.00, 0.31, 0.36
HSL	106°, 22%, 54%
HSV	106°, 31%, 64%
XYZ	24.7173, 32.1031, 20.5178
YIQ	146.5250, -6.8730, -24.1290

Conversions

Conversions Part 2

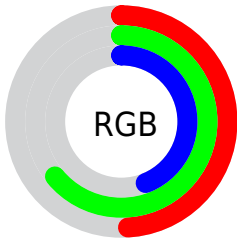
Format	Color
RYB	113, 164, 152
Decimal	8234097
CIELab	63.43, -23.22, 22.28
CIELCh	63, 32.178, 136.174
Yxy	32.1031, 0.3196, 0.4151
Android (android.graphics.Color)	4286424177 (0xFF7DA471)
YUV	146.5250, -16.5278, -18.8774
Hunter-Lab	56.6596, -21.2851, 18.1914

Details

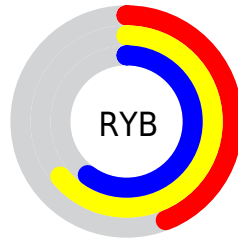
The Yxy color $32.1031, 0.3196, 0.4151$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.1641, 0.3021, 0.2502$, and the grayscale version is $29.0461, 0.3127, 0.3290$.

A 20% lighter version of the original color is $62.8446, 0.3187, 0.3968$, and $13.4659, 0.3195, 0.4458$ is the 20% darker color. If you saturate the color by 10%, you get $30.8831, 0.3209, 0.4473$, and if you desaturate by 10%, it is $33.5116, 0.3177, 0.3847$.

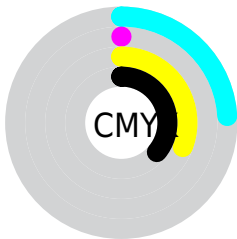
Distribution



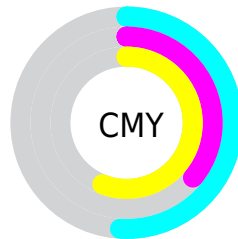
- Red (49%)
- Green (64%)
- Blue (44%)



- Red (44%)
- Yellow (64%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)





- Cyan (51%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1031, 0.3196, 0.4151 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 32.1031, 0.3196, 0.4151 by changing the saturation by 10% instead.


 32.1031, 0.3196,
0.4151


 32.1031, 0.3196,
0.4151


311.5886, 0.3171,
0.3675


 21.4403, 0.3198,
0.4286


 62.9727, 0.3190,
0.3966

 13.4462, 0.3196,
0.4471


 83.9482, 0.3186,
0.3901

 7.7365, 0.3185,
0.4737


 109.1301, 0.3183,
0.3846

 3.9268, 0.3149,
0.5148

 138.9027, 0.3180,
0.3801

 1.6327, 0.3332,
0.6429

173.6505, 0.3178,
0.3763

 0.3795, 0.0000,
1.0000

213.7578, 0.3175,

 0.0000, 0.0000,

0.3729

0.0000

259.6091, 0.3173,
0.3701

■ 32.1031, 0.3196,
0.4151

■ 32.1031, 0.3196,
0.4151

■ 30.8831, 0.3209,
0.4473

■ 33.5116, 0.3177,
0.3847

■ 29.8395, 0.3215,
0.4801

■ 35.1120, 0.3154,
0.3568

■ 28.9650, 0.3210,
0.5119


■ 36.9128, 0.3130,
0.3316


■ 28.2503, 0.3195,
0.5407

■ 38.9206, 0.3105,
0.3091

■ 27.6849, 0.3167,
0.5645

■ 41.1419, 0.3079,
0.2893


 27.2572, 0.3131,
0.5818

 43.5828, 0.3055,
0.2719

 26.9748, 0.3096,
0.5924

 46.2492, 0.3032,
0.2567

 49.1467, 0.3009,
0.2434

 51.9147, 0.3030,
0.2364

Harmonies

Analogous

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



32.1031, 0.3683, 0.4196



32.1031, 0.3196, 0.4151



32.1031, 0.2713, 0.3804

Triad

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



32.1031, 0.3196, 0.4151



32.1031, 0.2274, 0.2561



32.1031, 0.3947, 0.3205

Complementary

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



32.1031, 0.3196, 0.4151



21.1641, 0.3021, 0.2502

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.



32.1031, 0.3511, 0.2843



32.1031, 0.3196, 0.4151



32.1031, 0.2547, 0.2480

Square

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



32.1031, 0.3196, 0.4151



32.1031, 0.2208, 0.2842



32.1031, 0.2991, 0.2585



32.1031, 0.4143, 0.3607

Rectangle

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



32.1031, 0.3196, 0.4151



32.1031, 0.2457, 0.3470



32.1031, 0.2991, 0.2585



32.1031, 0.3822, 0.3076

Sweetspot

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



32.1045, 0.3196, 0.4151



64.3375, 0.3150, 0.3517



31.2979, 0.3638, 0.3873



13.9704, 0.3153, 0.3554



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.



32.1045, 0.3196, 0.4151



56.7770, 0.3206, 0.4362



31.5607, 0.2984, 0.3951



7.9719, 0.3150, 0.3520



20.7029, 0.3102, 0.5919



0.4549, 0.3352, 0.5720

Inverse Universe

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



21.1641, 0.3021, 0.2502



33.8477, 0.2991, 0.2330



21.9461, 0.3312, 0.2710



7.1176, 0.3102, 0.3066



5.4388, 0.2629, 0.1222



0.1337, 0.2853, 0.1345

Previews

White Background



This preview shows how the Yxy color 32.1031, 0.3196, 0.4151 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 32.1031, 0.3196, 0.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

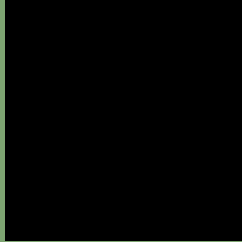
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1031, 0.3196, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 32.1031, 0.3196, 0.4151.



This preview shows how white text looks on a background with the Yxy color 32.1031, 0.3196, 0.4151.

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

32.1031, 0.3196, 0.4151

Protanopia

31.8645, 0.3690, 0.3970

Deuteranopia

31.8551, 0.3793, 0.3722



Tritanopia

32.0468, 0.2813, 0.3103

Trichromacy



Original Color

32.1031, 0.3196, 0.4151

Protanomaly

31.7238, 0.3492, 0.4036

Deuteranomaly

31.5170, 0.3557, 0.3861

Tritanomaly

32.1368, 0.2951, 0.3467

Monochromacy



Original Color

32.1031, 0.3196, 0.4151

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.0207, 0.3153, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1031, 0.3196, 0.4151 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, 164, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 164, 113)  
}
```

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, 164, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 164, 113) }
```

Border

The CSS property to change the border of an element to Yxy 32.1031, 0.3196, 0.4151 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, 164, 113) }
```

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

```
.border{ border-color:rgb(125, 164, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 164, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 164, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 164, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 164,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1031, 0.3196, 0.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 164, 113) }
```

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

```
.background{ background-color: rgb(125,  
164, 113) }
```

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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