

Converting Colors

$Yxy(32.1451, 0.3096, 0.3797)$

Have a look what the booklet for
Yxy(32.1451, 0.3096, 0.3797)
contains.

Yxy(32.2252, 0.3094, 0.3802)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.2252, 0.3094, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	82A283
RGB	130, 162, 131
RGB Percent	51%, 64%, 51%
CMY	0.4901, 0.3647, 0.4863
CMYK	0.20, 0.00, 0.19, 0.36
HSL	122°, 15%, 57%
HSV	122°, 20%, 64%
XYZ	26.2243, 32.2252, 26.3091
YIQ	148.8980, -9.1210, -16.4250

Conversions

Conversions Part 2

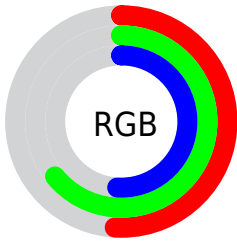
Format	Color
RYB	130, 161, 162
Decimal	8561283
CIELab	63.53, -17.29, 12.55
CIElCh	64, 21.364, 144.029
Yxy	32.2252, 0.3094, 0.3802
Android (android.graphics.Color)	4286751363 (0xFF82A283)
YUV	148.8980, -8.8237, -16.5735
Hunter-Lab	56.7672, -16.8825, 12.2588

Details

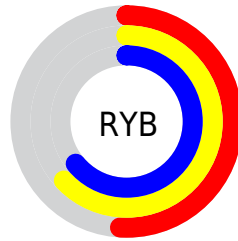
The Yxy color **32.2252, 0.3094, 0.3802** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.2245, 0.3160, 0.2826**, and the grayscale version is **30.0520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1537, 0.3101, 0.3696**, and **13.4665, 0.3069, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **30.6506, 0.3076, 0.4108**, and if you desaturate by 10%, it is **34.0688, 0.3111, 0.3527**.

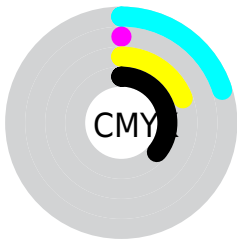
Distribution



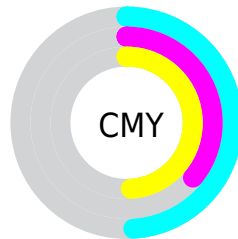
- Red (51%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)





- Cyan (49%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2252, 0.3094, 0.3802 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 32.2252, 0.3094, 0.3802 by changing the saturation by 10% instead.


 32.2252, 0.3094,
0.3802


 32.2252, 0.3094,
0.3802


312.1438, 0.3116,
0.3522


 21.5336, 0.3086,
0.3881


 63.1640, 0.3103,
0.3694

 13.5146, 0.3075,
0.3988


 84.1799, 0.3106,
0.3655

 7.7838, 0.3057,
0.4143


 109.4060, 0.3109,
0.3624

 3.9569, 0.3023,
0.4384

139.2268, 0.3111,
0.3597

 1.6495, 0.2963,
0.4831

174.0265, 0.3112,
0.3574

 0.3906, 0.0000,
1.0000

214.1897, 0.3114,

 0.0000, 0.0000,

0.3554

0.0000

260.1007, 0.3115,
0.3537

■ 32.2252, 0.3094,
0.3802

■ 32.2252, 0.3094,
0.3802

■ 30.6506, 0.3076,
0.4108

■ 34.0688, 0.3111,
0.3527

■ 29.3285, 0.3057,
0.4439

■ 36.1888, 0.3128,
0.3284

■ 28.2470, 0.3038,
0.4782

■ 38.5974, 0.3142,
0.3073

■ 27.3918, 0.3022,
0.5121

■ 41.3048, 0.3155,
0.2890

■ 26.7466, 0.3009,
0.5430

■ 44.3208, 0.3167,
0.2733

■ 26.2935, 0.3000,
0.5686

■ 47.6547, 0.3177,
0.2598

■ 26.0111, 0.2996,
0.5868

■ 51.3154, 0.3186,
0.2482

■ 25.8554, 0.2994,
0.5975

■ 54.3210, 0.3170,
0.2384

■ 25.8519, 0.2994,
0.5977

Harmonies

Analogous

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



32.2252, 0.3428, 0.3896



32.2252, 0.3094, 0.3802



32.2252, 0.2781, 0.3545

Triad

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



32.2252, 0.3094, 0.3802



32.2252, 0.2582, 0.2770



32.2252, 0.3720, 0.3315

Complementary

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



32.2252, 0.3094, 0.3802



26.2245, 0.3160, 0.2826

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.



32.2252, 0.3470, 0.3048



32.2252, 0.3094, 0.3802



32.2252, 0.2809, 0.2742

Square

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



32.2252, 0.3094, 0.3802



32.2252, 0.2496, 0.2937



32.2252, 0.3132, 0.2843



32.2252, 0.3801, 0.3590

Rectangle

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



32.2252, 0.3094, 0.3802



32.2252, 0.2623, 0.3328



32.2252, 0.3132, 0.2843



32.2252, 0.3652, 0.3222

Sweetspot

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



32.2266, 0.3094, 0.3802



63.1870, 0.3117, 0.3435



35.0788, 0.3412, 0.3770



14.1399, 0.3116, 0.3450



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.



32.2266, 0.3094, 0.3802



57.0975, 0.3085, 0.3943



32.6802, 0.2963, 0.3540



7.8984, 0.3112, 0.3515



20.3677, 0.2993, 0.5974



0.4290, 0.2959, 0.5852

Inverse Universe

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



26.2245, 0.3160, 0.2826



44.0414, 0.3168, 0.2714



25.7096, 0.3329, 0.3053



7.1984, 0.3142, 0.3075



7.9713, 0.3286, 0.1584



0.1686, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 32.2252, 0.3094, 0.3802 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 32.2252, 0.3094, 0.3802 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 32.2252, 0.3094, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 32.2252, 0.3094, 0.3802.



This preview shows how white text looks on a background with the Yxy color 32.2252, 0.3094, 0.3802.

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

32.2252, 0.3094, 0.3802

Protanopia

31.9962, 0.3471, 0.3687

Deuteranopia

32.0150, 0.3556, 0.3495



Tritanopia

32.2969, 0.2839, 0.3104

Trichromacy



Original Color

32.2252, 0.3094, 0.3802

Protanomaly

31.8195, 0.3327, 0.3732

Deuteranomaly

31.8468, 0.3380, 0.3597

Tritanomaly

32.2312, 0.2928, 0.3353

Monochromacy



Original Color

32.2252, 0.3094, 0.3802

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.8150, 0.3118, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2252, 0.3094, 0.3802 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(130, 162, 131)` looks like.

```
.text, #text, p{  
    color:rgb(130, 162, 131)  
}
```

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(130, 162, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 162, 131) }
```

Border

The CSS property to change the border of an element to Yxy 32.2252, 0.3094, 0.3802 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(130, 162, 131) }
```

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

```
.border{ border-color:rgb(130, 162, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 162, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 162, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 162, 131);  
box-shadow:4px 4px 4px 4px rgb(130, 162,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2252, 0.3094, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 162, 131) }
```

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

```
.background{ background-color: rgb(130,  
162, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor