

Converting Colors

$Yxy(31.9881, 0.3127, 0.3701)$

Have a look what the booklet for
Yxy(31.9881, 0.3127, 0.3701)
contains.

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Color

Yxy(32.0971, 0.3126, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	88A086
RGB	136, 160, 134
RGB Percent	53%, 63%, 53%
CMY	0.4668, 0.3725, 0.4745
CMYK	0.15, 0.00, 0.16, 0.37
HSL	115°, 12%, 58%
HSV	115°, 16%, 63%
XYZ	27.0228, 32.0971, 27.3253
YIQ	149.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

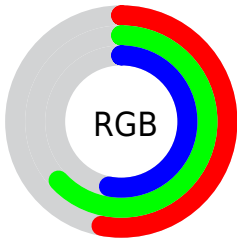
Format	Color
RYB	134, 160, 158
Decimal	8953990
CIELab	63.42, -13.56, 10.78
CIELCh	63, 17.328, 141.517
Yxy	32.0971, 0.3126, 0.3713
Android (android.graphics.Color)	4287144070 (0xFF88A086)
YUV	149.8600, -7.8190, -12.1552
Hunter-Lab	56.6543, -14.0047, 11.0614

Details

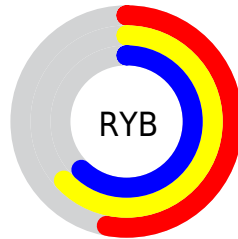
The Yxy color **32.0971, 0.3126, 0.3713** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.8632, 0.3124, 0.2896**, and the grayscale version is **30.4705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1359, 0.3133, 0.3629**, and **13.3437, 0.3127, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **30.5312, 0.3123, 0.4014**, and if you desaturate by 10%, it is **33.9042, 0.3127, 0.3443**.

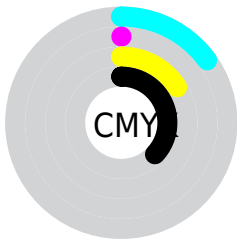
Distribution



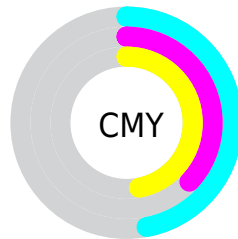
- Red (53%)
- Green (63%)
- Blue (53%)



- Red (53%)
- Yellow (63%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)





- Cyan (47%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0971, 0.3126, 0.3713 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 32.0971, 0.3126, 0.3713 by changing the saturation by 10% instead.


 32.0971, 0.3126,
0.3713


 32.0971, 0.3126,
0.3713


311.5613, 0.3129,
0.3483


 21.4357, 0.3124,
0.3777

 62.9633, 0.3128,
0.3624

 13.4428, 0.3120,
0.3865


 83.9368, 0.3129,
0.3593

 7.7342, 0.3114,
0.3991


 109.1165, 0.3129,
0.3567

 3.9253, 0.3100,
0.4186

138.8868, 0.3129,
0.3544

 1.6319, 0.3068,
0.4532

173.6320, 0.3129,
0.3526

 0.3790, 0.0712,
0.9288

213.7366, 0.3129,

 0.0000, 0.0000,

0.3509

0.0000

259.5849, 0.3129,
0.3495

■ 32.0971, 0.3126,
0.3713

■ 32.0971, 0.3126,
0.3713

■ 30.5312, 0.3123,
0.4014

■ 33.9042, 0.3127,
0.3443

■ 29.1925, 0.3117,
0.4341

■ 35.9579, 0.3127,
0.3204

■ 28.0717, 0.3107,
0.4684

■ 38.2684, 0.3125,
0.2996

■ 27.1571, 0.3095,
0.5026

■ 40.8442, 0.3123,
0.2815

■ 26.4362, 0.3079,
0.5346

■ 43.6933, 0.3120,
0.2659

■ 25.8950, 0.3060,
0.5619

■ 46.8234, 0.3117,
0.2524

■ 25.5175, 0.3041,
0.5823

■ 50.2420, 0.3114,
0.2407

■ 25.2840, 0.3023,
0.5948

■ 53.4963, 0.3165,
0.2364

■ 25.2247, 0.3019,
0.5985

■ 53.6260, 0.3171,
0.2366

Harmonies

Analogous

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



32.0971, 0.3395, 0.3779



32.0971, 0.3126, 0.3713



32.0971, 0.2865, 0.3517

Triad

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



32.0971, 0.3126, 0.3713



32.0971, 0.2670, 0.2873



32.0971, 0.3595, 0.3295

Complementary

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



32.0971, 0.3126, 0.3713



26.8632, 0.3124, 0.2896

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.



32.0971, 0.3385, 0.3076



32.0971, 0.3126, 0.3713



32.0971, 0.2849, 0.2837

Square

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



32.0971, 0.3126, 0.3713



32.0971, 0.2609, 0.3022



32.0971, 0.3109, 0.2911



32.0971, 0.3674, 0.3522

Rectangle

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



32.0971, 0.3126, 0.3713



32.0971, 0.2729, 0.3345



32.0971, 0.3109, 0.2911



32.0971, 0.3537, 0.3218

Sweetspot

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



32.0985, 0.3126, 0.3713



61.9586, 0.3127, 0.3414



33.5970, 0.3370, 0.3652



13.5374, 0.3127, 0.3430



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.0985, 0.3126, 0.3713



57.0451, 0.3125, 0.3834



32.2538, 0.3014, 0.3534



7.4238, 0.3127, 0.3520



19.6545, 0.3022, 0.5983



0.3576, 0.3127, 0.5899

Inverse Universe

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



26.8632, 0.3124, 0.2896



45.4624, 0.3123, 0.2793



26.7009, 0.3260, 0.3058



6.7291, 0.3126, 0.3069



6.8847, 0.3024, 0.1440



0.1299, 0.3104, 0.1483

Previews

White Background



This preview shows how the Yxy color 32.0971, 0.3126, 0.3713 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 32.0971, 0.3126, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

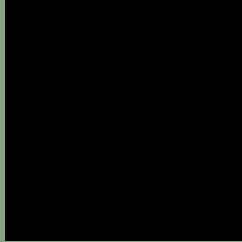
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0971, 0.3126, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 32.0971, 0.3126, 0.3713.



This preview shows how white text looks on a background with the Yxy color 32.0971, 0.3126, 0.3713.

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

32.0971, 0.3126, 0.3713

Protanopia

31.9712, 0.3431, 0.3642

Deuteranopia

31.9846, 0.3514, 0.3451



Tritanopia

31.9326, 0.2881, 0.3090

Trichromacy



Original Color

32.0971, 0.3126, 0.3713

Protanomaly

32.0910, 0.3319, 0.3682

Deuteranomaly

31.7076, 0.3363, 0.3535

Tritanomaly

32.0032, 0.2965, 0.3305

Monochromacy



Original Color

32.0971, 0.3126, 0.3713

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.1446, 0.3130, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0971, 0.3126, 0.3713 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(136, 160, 134)` looks like.

```
.text, #text, p{  
  color:rgb(136, 160, 134)  
}
```

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(136, 160, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 160, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.0971, 0.3126, 0.3713 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(136, 160, 134) }
```

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

```
.border{ border-color:rgb(136, 160, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 160, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 160, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 160, 134);  
box-shadow:4px 4px 4px 4px rgb(136, 160,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0971, 0.3126, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 160, 134) }
```

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

```
.background{ background-color: rgb(136,  
160, 134) }
```

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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