

Converting Colors

$Yxy(32.5247, 0.3156, 0.3917)$

Have a look what the booklet for
Yxy(32.5247, 0.3156, 0.3917)
contains.

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Color

Yxy(32.5003, 0.3153, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	83A37D
RGB	131, 163, 125
RGB Percent	51%, 64%, 49%
CMY	0.4864, 0.3607, 0.5098
CMYK	0.20, 0.00, 0.23, 0.36
HSL	111°, 17%, 56%
HSV	111°, 23%, 64%
XYZ	26.1545, 32.5003, 24.2964
YIQ	149.1000, -6.8740, -18.6020

Conversions

Conversions Part 2

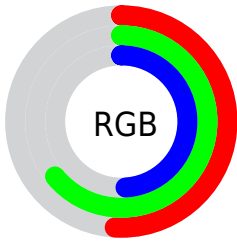
Format	Color
RYB	125, 163, 157
Decimal	8627069
CIELab	63.75, -18.55, 16.20
CIELCh	64, 24.629, 138.873
Yxy	32.5003, 0.3153, 0.3918
Android (android.graphics.Color)	4286817149 (0xFF83A37D)
YUV	149.1000, -11.8813, -15.8737
Hunter-Lab	57.0090, -17.8738, 14.6378

Details

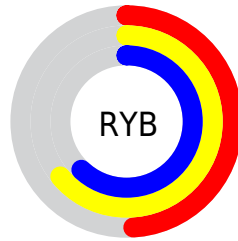
The Yxy color **32.5003, 0.3153, 0.3918** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.4852, 0.3087, 0.2713**, and the grayscale version is **30.1501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5475, 0.3147, 0.3782**, and **13.6400, 0.3151, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **31.0934, 0.3159, 0.4232**, and if you desaturate by 10%, it is **34.1239, 0.3143, 0.3629**.

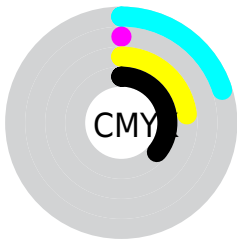
Distribution



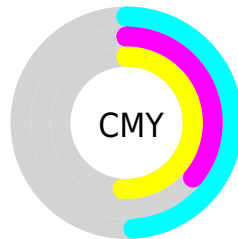
- Red (51%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)




- Cyan (49%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5003, 0.3153, 0.3918 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 32.5003, 0.3153, 0.3918 by changing the saturation by 10% instead.


 32.5003, 0.3153,
0.3918


 32.5003, 0.3153,
0.3918


313.3920, 0.3145,
0.3574


 21.7439, 0.3152,
0.4015


 63.5946, 0.3152,
0.3785

 13.6689, 0.3150,
0.4147


 84.7013, 0.3151,
0.3738

 7.8907, 0.3142,
0.4337


 110.0269, 0.3150,
0.3699

 4.0251, 0.3122,
0.4632

139.9557, 0.3149,
0.3666

 1.6876, 0.3120,
0.5246

174.8723, 0.3148,
0.3638

 0.4156, 0.0000,
1.0000

215.1609, 0.3147,

 0.0000, 0.0000,

0.3614

0.0000

261.2060, 0.3146,
0.3593

■ 32.5003, 0.3153,
0.3918

■ 32.5003, 0.3153,
0.3918

■ 31.0934, 0.3159,
0.4232

■ 34.1239, 0.3143,
0.3629

■ 29.8901, 0.3161,
0.4565

■ 35.9686, 0.3131,
0.3370

■ 28.8820, 0.3156,
0.4901


■ 38.0437, 0.3118,
0.3140

■ 28.0587, 0.3144,
0.5223

■ 40.3569, 0.3105,
0.2938


■ 27.4087, 0.3124,
0.5508


■ 42.9154, 0.3091,
0.2761


 26.9192, 0.3098,
0.5735

 45.7263, 0.3077,
0.2608

 26.5756, 0.3067,
0.5888

 48.7960, 0.3064,
0.2474

 26.4127, 0.3050,
0.5960

 52.1047, 0.3055,
0.2362

 54.6144, 0.3166,
0.2393

Harmonies

Analogous

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



32.5003, 0.3530, 0.3985



32.5003, 0.3153, 0.3918



32.5003, 0.2784, 0.3645

Triad

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



32.5003, 0.3153, 0.3918



32.5003, 0.2476, 0.2716



32.5003, 0.3772, 0.3260

Complementary

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



32.5003, 0.3153, 0.3918



24.4852, 0.3087, 0.2713

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.



32.5003, 0.3457, 0.2966



32.5003, 0.3153, 0.3918



32.5003, 0.2708, 0.2660

Square

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



32.5003, 0.3153, 0.3918



32.5003, 0.2409, 0.2929



32.5003, 0.3063, 0.2752



32.5003, 0.3903, 0.3576

Rectangle

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



32.5003, 0.3153, 0.3918



32.5003, 0.2590, 0.3397



32.5003, 0.3063, 0.2752



32.5003, 0.3684, 0.3157

Sweetspot

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



32.5017, 0.3153, 0.3918



63.0996, 0.3136, 0.3465



33.2732, 0.3490, 0.3769



14.1304, 0.3137, 0.3479



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.



32.5017, 0.3153, 0.3918



56.8402, 0.3157, 0.4079



32.3841, 0.2992, 0.3710



7.9459, 0.3139, 0.3520



20.5377, 0.3054, 0.5957



0.4458, 0.3243, 0.5807

Inverse Universe

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



24.4852, 0.3087, 0.2713



39.9245, 0.3075, 0.2580



24.6682, 0.3294, 0.2905



7.1457, 0.3114, 0.3067



6.2330, 0.2823, 0.1329



0.1452, 0.2972, 0.1411

Previews

White Background



This preview shows how the Yxy color 32.5003, 0.3153, 0.3918 looks on a white background.

Color Contrast Check

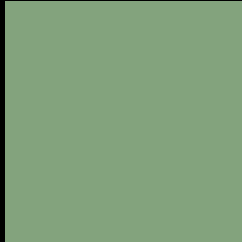
Large Text (above 18pt) WCAG AA × Fail

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 32.5003, 0.3153, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

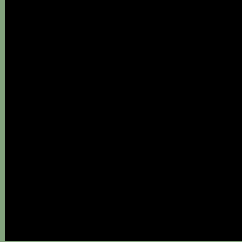
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5003, 0.3153, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 32.5003, 0.3153, 0.3918.



This preview shows how white text looks on a background with the Yxy color 32.5003, 0.3153, 0.3918.

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

32.5003, 0.3153, 0.3918

Protanopia

32.3842, 0.3548, 0.3790

Deuteranopia

32.2033, 0.3651, 0.3580



Tritanopia

32.4195, 0.2839, 0.3090

Trichromacy



Original Color

32.5003, 0.3153, 0.3918

Protanomaly

32.1945, 0.3402, 0.3840

Deuteranomaly

31.8918, 0.3460, 0.3688

Tritanomaly

32.2803, 0.2945, 0.3369

Monochromacy



Original Color

32.5003, 0.3153, 0.3918

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.7554, 0.3136, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5003, 0.3153, 0.3918 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(131, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(131, 163, 125)  
}
```

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(131, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 163, 125) }
```

Border

The CSS property to change the border of an element to Yxy 32.5003, 0.3153, 0.3918 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(131, 163, 125) }
```

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

```
.border{ border-color:rgb(131, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(131, 163,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5003, 0.3153, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 163, 125) }
```

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

```
.background{ background-color: rgb(131,  
163, 125) }
```

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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