

Converting Colors

$Yxy(32.8894, 0.3168, 0.3724)$

Have a look what the booklet for
Yxy(32.8894, 0.3168, 0.3724)
contains.

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Color

Yxy(32.7864, 0.3164, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	8CA186
RGB	140, 161, 134
RGB Percent	55%, 63%, 53%
CMY	0.4510, 0.3686, 0.4745
CMYK	0.13, 0.00, 0.17, 0.37
HSL	107°, 13%, 58%
HSV	107°, 17%, 63%
XYZ	27.8636, 32.7864, 27.4145
YIQ	151.6430, -3.8490, -12.8490

Conversions

Conversions Part 2

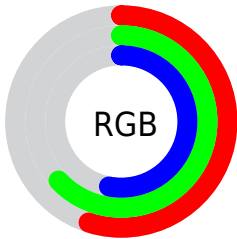
Format	Color
RYB	134, 161, 155
Decimal	9216390
CIELab	63.99, -12.62, 11.62
CIELCh	64, 17.156, 137.370
Yxy	32.7864, 0.3164, 0.3723
Android (android.graphics.Color)	4287406470 (0xFF8CA186)
YUV	151.6430, -8.6980, -10.2109
Hunter-Lab	57.2594, -13.3422, 11.6949

Details

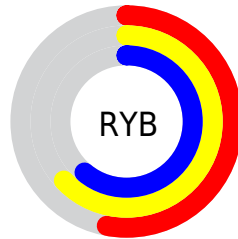
The Yxy color **32.7864, 0.3164, 0.3723** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.5928, 0.3081, 0.2877**, and the grayscale version is **31.2779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1689, 0.3162, 0.3638**, and **13.7510, 0.3180, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **31.3456, 0.3183, 0.4017**, and if you desaturate by 10%, it is **34.4223, 0.3143, 0.3455**.

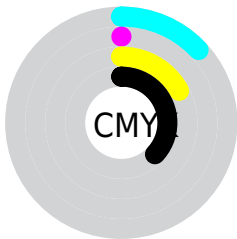
Distribution



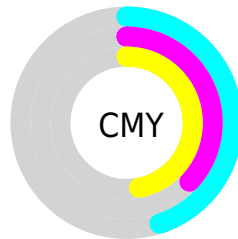
- Red (55%)
- Green (63%)
- Blue (53%)



- Red (53%)
- Yellow (63%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)





- Cyan (45%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7864, 0.3164, 0.3723 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 32.7864, 0.3164, 0.3723 by changing the saturation by 10% instead.


 32.7864, 0.3164,
0.3723


 32.7864, 0.3164,
0.3723


314.6861, 0.3147,
0.3488


 21.9629, 0.3167,
0.3788


 64.0419, 0.3158,
0.3633

 13.8296, 0.3171,
0.3877


 85.2427, 0.3156,
0.3601

 8.0023, 0.3174,
0.4003


 110.6713, 0.3154,
0.3574

 4.0964, 0.3176,
0.4197

140.7122, 0.3152,
0.3551

 1.7276, 0.3168,
0.4537

175.7497, 0.3151,
0.3532

 0.4414, 0.2016,
0.7984

216.1683, 0.3150,

 0.0000, 0.0000,

0.3516

0.0000

262.3523, 0.3148,
0.3501

■ 32.7864, 0.3164,
0.3723

■ 32.7864, 0.3164,
0.3723

■ 31.3456, 0.3183,
0.4017

■ 34.4223, 0.3143,
0.3455

■ 30.0883, 0.3197,
0.4333

■ 36.2557, 0.3120,
0.3216

■ 29.0083, 0.3204,
0.4661

■ 38.2947, 0.3096,
0.3003


■ 28.0974, 0.3203,
0.4987


■ 40.5454, 0.3073,
0.2817


■ 27.3467, 0.3191,
0.5292


■ 43.0136, 0.3051,
0.2653


 26.7464, 0.3169,
0.5555


 45.7052, 0.3030,
0.2510

 26.2855, 0.3137,
0.5758

 48.6255, 0.3010,
0.2385

 25.9499, 0.3098,
0.5893

 51.2669, 0.3049,
0.2341

 25.8620, 0.3088,
0.5930

 53.5368, 0.3151,
0.2370

Harmonies

Analogous

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



32.7864, 0.3424, 0.3768



32.7864, 0.3164, 0.3723



32.7864, 0.2902, 0.3545

Triad

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



32.7864, 0.3164, 0.3723



32.7864, 0.2662, 0.2894



32.7864, 0.3565, 0.3263

Complementary

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



32.7864, 0.3164, 0.3723



26.5928, 0.3081, 0.2877

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.



32.7864, 0.3345, 0.3053



32.7864, 0.3164, 0.3723



32.7864, 0.2824, 0.2843

Square

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



32.7864, 0.3164, 0.3723



32.7864, 0.2620, 0.3055



32.7864, 0.3072, 0.2901



32.7864, 0.3663, 0.3489

Rectangle

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



32.7864, 0.3164, 0.3723



32.7864, 0.2760, 0.3380



32.7864, 0.3072, 0.2901



32.7864, 0.3502, 0.3189

Sweetspot

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



32.7878, 0.3164, 0.3723



62.1703, 0.3139, 0.3413



32.6425, 0.3387, 0.3605



13.5894, 0.3140, 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.



32.7878, 0.3164, 0.3723



57.7478, 0.3171, 0.3826



32.4884, 0.3045, 0.3610



7.9674, 0.3148, 0.3520



20.6700, 0.3092, 0.5927



0.4534, 0.3334, 0.5735

Inverse Universe

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



26.5928, 0.3081, 0.2877



44.6010, 0.3069, 0.2785



26.9547, 0.3221, 0.2990



7.1224, 0.3104, 0.3066



5.5687, 0.2662, 0.1240



0.1356, 0.2873, 0.1356

Previews

White Background



This preview shows how the Yxy color 32.7864, 0.3164, 0.3723 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 32.7864, 0.3164, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

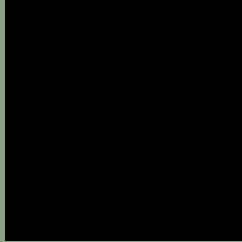
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

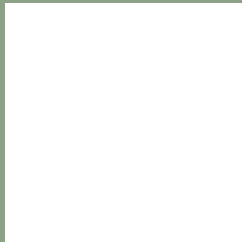
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.7864, 0.3164, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 32.7864, 0.3164, 0.3723.



This preview shows how white text looks on a background with the Yxy color 32.7864, 0.3164, 0.3723.

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

32.7864, 0.3164, 0.3723

Protanopia

32.5364, 0.3439, 0.3638

Deuteranopia

32.5026, 0.3543, 0.3479



Tritanopia

32.7525, 0.2919, 0.3093

Trichromacy



Original Color

32.7864, 0.3164, 0.3723

Protanomaly

32.7484, 0.3339, 0.3677

Deuteranomaly

32.3183, 0.3403, 0.3562

Tritanomaly

32.7833, 0.3011, 0.3321

Monochromacy



Original Color

32.7864, 0.3164, 0.3723

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7829, 0.3150, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7864, 0.3164, 0.3723 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(140, 161, 134)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 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(140, 161, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.7864, 0.3164, 0.3723 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(140, 161, 134) }
```

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

```
.border{ border-color:rgb(140, 161, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 161, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 134);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7864, 0.3164, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 161, 134) }
```

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

```
.background{ background-color: rgb(140,  
161, 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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