

Converting Colors

$Yxy(30.4382, 0.3218, 0.3757)$

Have a look what the booklet for
Yxy(30.4382, 0.3218, 0.3757)
contains.

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Color

Yxy(30.3783, 0.3215, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	8A9B7F
RGB	138, 155, 127
RGB Percent	54%, 61%, 50%
CMY	0.4587, 0.3922, 0.5019
CMYK	0.11, 0.00, 0.18, 0.39
HSL	96°, 12%, 55%
HSV	96°, 18%, 61%
XYZ	26.0374, 30.3783, 24.5715
YIQ	146.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

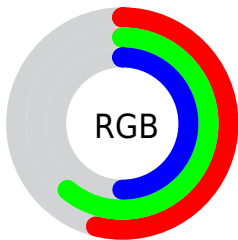
Format	Color
RYB	127, 155, 144
Decimal	9083775
CIELab	61.98, -11.39, 12.68
CIELCh	62, 17.044, 131.919
Yxy	30.3783, 0.3215, 0.3751
Android (android.graphics.Color)	4287273855 (0xFF8A9B7F)
YUV	146.7250, -9.7244, -7.6518
Hunter-Lab	55.1165, -12.1294, 12.1495

Details

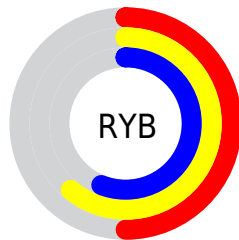
The Yxy color **30.3783, 0.3215, 0.3751** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.4732, 0.3023, 0.2838**, and the grayscale version is **29.1021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1027, 0.3201, 0.3645**, and **12.5254, 0.3239, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **29.2389, 0.3260, 0.4036**, and if you desaturate by 10%, it is **31.6519, 0.3167, 0.3486**.

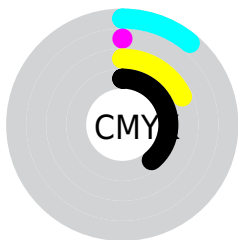
Distribution



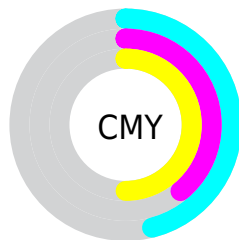
- Red (54%)
- Green (61%)
- Blue (50%)



- Red (50%)
- Yellow (61%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (39%)



- Cyan (46%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.3783, 0.3215, 0.3751 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 30.3783, 0.3215, 0.3751 by changing the saturation by 10% instead.

■ 30.3783, 0.3215,
0.3751

■ 30.3783, 0.3215,
0.3751

303.6638, 0.3171,
0.3499

■ 20.1259, 0.3226,
0.3822

■ 60.2599, 0.3199,
0.3653

■ 12.4866, 0.3239,
0.3920

■ 80.6579, 0.3193,
0.3619

■ 7.0760, 0.3256,
0.4060

■ 105.2066, 0.3188,
0.3590

■ 3.5097, 0.3277,
0.4280

134.2904, 0.3184,
0.3566

■ 1.4032, 0.3356,
0.4755

168.2936, 0.3180,
0.3545

■ 0.2191, 0.0000,
1.0000

207.6006, 0.3176,

■ 0.0000, 0.0000,

0.3528

0.0000

252.5959, 0.3173,
0.3512

■ 30.3783, 0.3215,
0.3751

■ 30.3783, 0.3215,
0.3751

■ 29.2389, 0.3260,
0.4036

■ 31.6519, 0.3167,
0.3486

■ 28.2250, 0.3299,
0.4337

■ 33.0599, 0.3118,
0.3245

■ 27.3333, 0.3330,
0.4644


■ 34.6080, 0.3069,
0.3027

■ 26.5583, 0.3347,
0.4944


■ 36.2999, 0.3022,
0.2833


■ 25.8945, 0.3349,
0.5222

■ 38.1395, 0.2977,
0.2660

 25.3357, 0.3333,
0.5462


 40.1304, 0.2935,
0.2507


 24.8748, 0.3299,
0.5649

 42.2761, 0.2895,
0.2371

 24.5006, 0.3252,
0.5783

 44.5799, 0.2859,
0.2250

 24.4351, 0.3243,
0.5807

 46.2821, 0.2906,
0.2239

Harmonies

Analogous

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



30.3783, 0.3472, 0.3770



30.3783, 0.3215, 0.3751



30.3783, 0.2943, 0.3591

Triad

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



30.3783, 0.3215, 0.3751



30.3783, 0.2636, 0.2909



30.3783, 0.3540, 0.3221

Complementary

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



30.3783, 0.3215, 0.3751



23.4732, 0.3023, 0.2838

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.



30.3783, 0.3300, 0.3015



30.3783, 0.3215, 0.3751



30.3783, 0.2780, 0.2835

Square

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



30.3783, 0.3215, 0.3751



30.3783, 0.2617, 0.3090



30.3783, 0.3021, 0.2876



30.3783, 0.3666, 0.3452

Rectangle

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



30.3783, 0.3215, 0.3751



30.3783, 0.2789, 0.3429



30.3783, 0.3021, 0.2876



30.3783, 0.3470, 0.3147

Sweetspot

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



30.3796, 0.3215, 0.3751



57.4098, 0.3152, 0.3412



28.3865, 0.3420, 0.3557



12.9579, 0.3155, 0.3429



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.3796, 0.3215, 0.3751



53.4887, 0.3235, 0.3873



29.5601, 0.3080, 0.3718



7.0383, 0.3172, 0.3516



19.6485, 0.3249, 0.5802



0.3139, 0.3589, 0.5533

Inverse Universe

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



23.4732, 0.3023, 0.2838



38.5859, 0.2994, 0.2722



24.4218, 0.3178, 0.2897



6.2021, 0.3078, 0.3066



3.8323, 0.2264, 0.1021



0.0783, 0.2686, 0.1253

Previews

White Background



This preview shows how the Yxy color 30.3783, 0.3215, 0.3751 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 30.3783, 0.3215, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

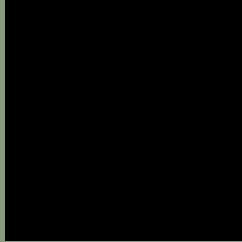
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

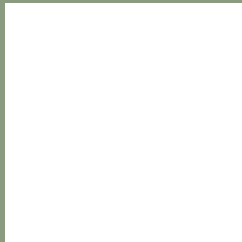
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.3783, 0.3215, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 30.3783, 0.3215, 0.3751.



This preview shows how white text looks on a background with the Yxy color 30.3783, 0.3215, 0.3751.

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

30.3783, 0.3215, 0.3751

Protanopia

30.2192, 0.3469, 0.3681

Deuteranopia

30.1894, 0.3578, 0.3515



Tritanopia

30.2610, 0.2949, 0.3103

Trichromacy



Original Color

30.3783, 0.3215, 0.3751

Protanomaly

30.1932, 0.3378, 0.3705

Deuteranomaly

30.1093, 0.3443, 0.3601

Tritanomaly

30.2891, 0.3045, 0.3338

Monochromacy



Original Color

30.3783, 0.3215, 0.3751

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.6354, 0.3160, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3783, 0.3215, 0.3751 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(138, 155, 127)` looks like.

```
.text, #text, p{  
    color:rgb(138, 155, 127)  
}
```

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(138, 155, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 155, 127) }
```

Border

The CSS property to change the border of an element to Yxy 30.3783, 0.3215, 0.3751 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(138, 155, 127) }
```

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

```
.border{ border-color:rgb(138, 155, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 155, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 155, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 155, 127);  
box-shadow:4px 4px 4px 4px rgb(138, 155,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3783, 0.3215, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 155, 127) }
```

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

```
.background{ background-color: rgb(138,  
155, 127) }
```

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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