

Converting Colors

$Y_{xy}(26.3557, 0.3102, 0.3819)$

Have a look what the booklet for
Yxy(26.3557, 0.3102, 0.3819)
contains.

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Color

Yxy(26.3394, 0.3102, 0.3830)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 769476 |
| RGB | 118, 148, 118 |
| RGB Percent | 46%, 58%, 46% |
| CMY | 0.5372, 0.4196, 0.5373 |
| CMYK | 0.20, 0.00, 0.20, 0.42 |
| HSL | 120°, 12%, 52% |
| HSV | 120°, 20%, 58% |
| XYZ | 21.3329, 26.3394, 21.0990 |
| YIQ | 135.6100, -8.2500, -15.6900 |

Conversions

Conversions Part 2

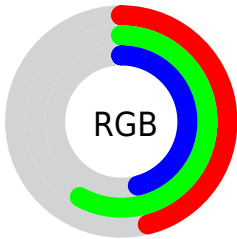
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 118, 148, 148 |
| Decimal | 7771254 |
| CIE _{Lab} | 58.36, -16.65, 12.47 |
| CIE _{LCh} | 58, 20.799, 143.169 |
| Yxy | 26.3394, 0.3102, 0.3830 |
| Android (android.graphics.Color) | 4285961334 (0xFF769476) |
| YUV | 135.6100, -8.6817, -15.4440 |
| Hunter-Lab | 51.3219, -15.6167, 11.5506 |

Details

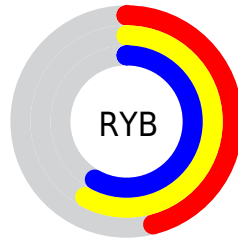
The Yxy color $26.3394, 0.3102, 0.3830$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.3894, 0.3150, 0.2803$, and the grayscale version is $24.5042, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8013, 0.3115, 0.3710$, and $10.2568, 0.3078, 0.4030$ is the 20% darker color. If you saturate the color by 10%, you get $25.0600, 0.3087, 0.4144$, and if you desaturate by 10%, it is $27.8387, 0.3115, 0.3547$.

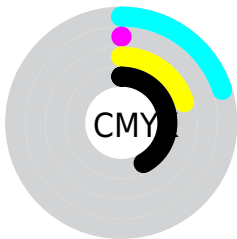
Distribution



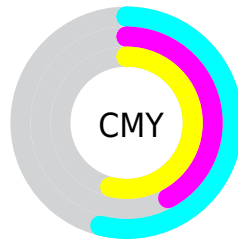
- Red (46%)
- Green (58%)
- Blue (46%)



- Red (46%)
- Yellow (58%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3394, 0.3102, 0.3830 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 26.3394, 0.3102, 0.3830 by changing the saturation by 10% instead.


 26.3394, 0.3102,
0.3830


 26.3394, 0.3102,
0.3830


284.4442, 0.3120,
0.3526


 17.0777, 0.3095,
0.3920


 53.8220, 0.3110,
0.3710

 10.2899, 0.3083,
0.4046


 72.8117, 0.3113,
0.3668

 5.5916, 0.3062,
0.4234

 95.8128, 0.3115,
0.3633

 2.5984, 0.3020,
0.4544

123.2098, 0.3117,
0.3604

 0.9259, 0.3082,
0.6033

155.3871, 0.3118,
0.3580

 0.0000, 0.0000,
0.0000

192.7289, 0.3119,

0.3559

235.6199, 0.3120,
0.3541

■ 26.3394, 0.3102,
0.3830

■ 26.3394, 0.3102,
0.3830

■ 25.0600, 0.3087,
0.4144

■ 27.8387, 0.3115,
0.3547

■ 23.9869, 0.3071,
0.4483

■ 29.5639, 0.3127,
0.3296

■ 23.1105, 0.3055,
0.4833

■ 31.5251, 0.3137,
0.3078

■ 22.4187, 0.3039,
0.5174

■ 33.7307, 0.3146,
0.2890

■ 21.8984, 0.3025,
0.5480

■ 36.1887, 0.3153,
0.2728

■ 21.5345, 0.3013,
0.5728

■ 38.9068, 0.3160,
0.2588

■ 21.3097, 0.3005,
0.5896

■ 41.8922, 0.3165,
0.2469

■ 21.1802, 0.3000,
0.6000

■ 45.1519, 0.3170,
0.2366

■ 48.6929, 0.3174,
0.2277

Harmonies

Analogous

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



26.3394, 0.3449, 0.3921



26.3394, 0.3102, 0.3830



26.3394, 0.2774, 0.3565

Triad

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



26.3394, 0.3102, 0.3830



26.3394, 0.2556, 0.2753



26.3394, 0.3740, 0.3307

Complementary

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



26.3394, 0.3102, 0.3830



21.3894, 0.3150, 0.2803

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.



26.3394, 0.3474, 0.3031



26.3394, 0.3102, 0.3830



26.3394, 0.2788, 0.2719

Square

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



26.3394, 0.3102, 0.3830



26.3394, 0.2471, 0.2929



26.3394, 0.3121, 0.2821



26.3394, 0.3829, 0.3593

Rectangle

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



26.3394, 0.3102, 0.3830



26.3394, 0.2609, 0.3338



26.3394, 0.3121, 0.2821



26.3394, 0.3667, 0.3211

Sweetspot

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



26.3405, 0.3102, 0.3830



50.3340, 0.3120, 0.3439



28.6271, 0.3424, 0.3771



11.4508, 0.3120, 0.3453



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.3405, 0.3102, 0.3830



45.4799, 0.3096, 0.3959



26.7110, 0.2969, 0.3563



6.4686, 0.3117, 0.3518



18.0915, 0.3000, 0.6000



0.2215, 0.3001, 0.5999

Inverse Universe

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



21.3894, 0.3150, 0.2803



35.2359, 0.3155, 0.2701



20.9602, 0.3321, 0.3032



5.9090, 0.3137, 0.3072



7.1973, 0.3208, 0.1541



0.0881, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 26.3394, 0.3102, 0.3830 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3394, 0.3102, 0.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

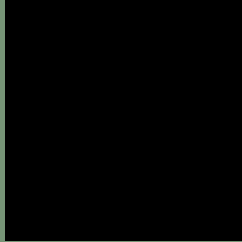
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3394, 0.3102, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 26.3394, 0.3102, 0.3830.



This preview shows how white text looks on a background with the Yxy color 26.3394, 0.3102, 0.3830.

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

26.3394, 0.3102, 0.3830

Protanopia

26.2670, 0.3489, 0.3721

Deuteranopia

26.1820, 0.3570, 0.3513



Tritanopia

26.2631, 0.2833, 0.3104

Trichromacy



Original Color

26.3394, 0.3102, 0.3830

Protanomaly

26.2011, 0.3344, 0.3771

Deuteranomaly

26.1320, 0.3390, 0.3624

Tritanomaly

26.3115, 0.2931, 0.3359

Monochromacy



Original Color

26.3394, 0.3102, 0.3830

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.0083, 0.3118, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3394, 0.3102, 0.3830 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(118, 148, 118)` looks like.

```
.text, #text, p{  
    color:rgb(118, 148, 118)  
}
```

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(118, 148, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 148, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.3394, 0.3102, 0.3830 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(118, 148, 118) }
```

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

```
.border{ border-color:rgb(118, 148, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 148, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 148, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 148, 118);  
box-shadow:4px 4px 4px 4px rgb(118, 148,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3394, 0.3102, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 148, 118) }
```

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

```
.background{ background-color: rgb(118,  
148, 118) }
```

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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