

Converting Colors

$Y_{xy}(26.7775, 0.3404, 0.3475)$

Have a look what the booklet for
Yxy(26.7775, 0.3404, 0.3475)
contains.

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Color

Yxy(26.7961, 0.3399, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	998B80
RGB	153, 139, 128
RGB Percent	60%, 55%, 50%
CMY	0.4001, 0.4549, 0.4981
CMYK	0.00, 0.09, 0.16, 0.40
HSL	26°, 11%, 55%
HSV	26°, 16%, 60%
XYZ	26.2630, 26.7961, 24.2077
YIQ	141.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

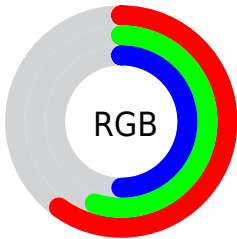
Format	Color
RYB	153, 148, 128
Decimal	10062720
CIELab	58.79, 3.32, 7.78
CIElCh	59, 8.457, 66.915
Yxy	26.7961, 0.3399, 0.3468
Android (android.graphics.Color)	4288252800 (0xFF998B80)
YUV	141.9320, -6.8685, 9.7066
Hunter-Lab	51.7649, -0.0266, 8.5087

Details

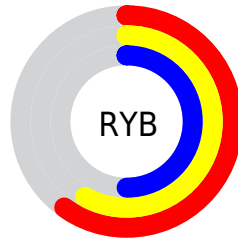
The Yxy color $26.7961, 0.3399, 0.3468$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.2241, 0.2879, 0.3105$, and the grayscale version is $27.0458, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3009, 0.3336, 0.3423$, and $10.5341, 0.3502, 0.3526$ is the 20% darker color. If you saturate the color by 10%, you get $24.0431, 0.3599, 0.3584$, and if you desaturate by 10%, it is $29.8061, 0.3225, 0.3357$.

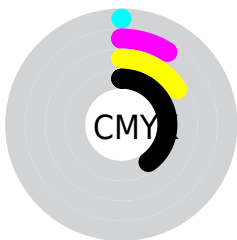
Distribution



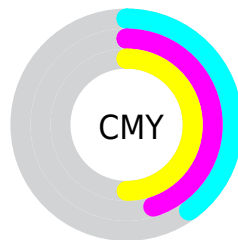
- Red (60%)
- Green (55%)
- Blue (50%)



- Red (60%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (40%)





- Cyan (40%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7961, 0.3399, 0.3468 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 26.7961, 0.3399, 0.3468 by changing the saturation by 10% instead.


 26.7961, 0.3399,
0.3468


 26.7961, 0.3399,
0.3468


286.6685, 0.3250,
0.3372


 17.4201, 0.3441,
0.3495


 54.5565, 0.3341,
0.3431

 10.5345, 0.3499,
0.3531


 73.7097, 0.3321,
0.3418

 5.7548, 0.3583,
0.3582

 96.8909, 0.3304,
0.3407

 2.6965, 0.3714,
0.3659

124.4843, 0.3290,
0.3398

 0.9754, 0.4054,
0.3891

156.8743, 0.3277,
0.3390

 0.0000, 0.0000,
0.0000

194.4455, 0.3267,

0.3383

237.5821, 0.3258,
0.3377

■ 26.7961, 0.3399,
0.3468

■ 26.7961, 0.3399,
0.3468

■ 24.0431, 0.3599,
0.3584

■ 29.8061, 0.3225,
0.3357

■ 21.5363, 0.3825,
0.3701

■ 33.0764, 0.3074,
0.3253

■ 19.2695, 0.4079,
0.3815

■ 36.6146, 0.2944,
0.3156

■ 17.2349, 0.4357,
0.3917

■ 40.4270, 0.2831,
0.3066

■ 15.4238, 0.4650,
0.3997

■ 44.5197, 0.2733,
0.2984

■ 13.8274, 0.4946,
0.4042

■ 48.8985, 0.2648,
0.2910

■ 12.4356, 0.5224,
0.4042

■ 53.5691, 0.2574,
0.2841

■ 11.2360, 0.5468,
0.3992

■ 58.5370, 0.2510,
0.2779

■ 10.8378, 0.5556,
0.3970

■ 63.1005, 0.2503,
0.2834

Harmonies

Analogous

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



26.7961, 0.3398, 0.3359



26.7961, 0.3399, 0.3468



26.7961, 0.3325, 0.3532

Triad

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



26.7961, 0.3399, 0.3468



26.7961, 0.2934, 0.3341



26.7961, 0.3051, 0.3062

Complementary

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



26.7961, 0.3399, 0.3468



26.2241, 0.2879, 0.3105

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.



26.7961, 0.2930, 0.3053



26.7961, 0.3399, 0.3468



26.7961, 0.2864, 0.3211

Square

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



26.7961, 0.3399, 0.3468



26.7961, 0.3056, 0.3460



26.7961, 0.2862, 0.3106



26.7961, 0.3195, 0.3129

Rectangle

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



26.7961, 0.3399, 0.3468



26.7961, 0.3245, 0.3539



26.7961, 0.2862, 0.3106



26.7961, 0.3006, 0.3053

Sweetspot

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



26.7973, 0.3399, 0.3468



54.0907, 0.3205, 0.3344



24.1651, 0.3264, 0.3064



11.8634, 0.3216, 0.3351



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.7973, 0.3399, 0.3468



45.9448, 0.3477, 0.3515



30.5644, 0.3369, 0.3658



6.6484, 0.3273, 0.3388



9.0239, 0.5544, 0.3980



0.2057, 0.4887, 0.4501

Inverse Universe

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



26.2241, 0.2879, 0.3105



44.6976, 0.2816, 0.3054



22.7631, 0.2871, 0.2893



6.5704, 0.2989, 0.3190



7.4095, 0.1837, 0.1813



0.1832, 0.2029, 0.2504

Previews

White Background



This preview shows how the Yxy color 26.7961, 0.3399, 0.3468 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 26.7961, 0.3399, 0.3468 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 26.7961, 0.3399, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 26.7961, 0.3399, 0.3468.



This preview shows how white text looks on a background with the Yxy color 26.7961, 0.3399, 0.3468.

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

26.7961, 0.3399, 0.3468

Protanopia

26.8378, 0.3316, 0.3487

Deuteranopia

26.6404, 0.3488, 0.3417



Tritanopia

26.6835, 0.3224, 0.3118

Trichromacy



Original Color

26.7961, 0.3399, 0.3468

Protanomaly

26.7307, 0.3341, 0.3470

Deuteranomaly

26.6179, 0.3451, 0.3434

Tritanomaly

26.6548, 0.3286, 0.3243

Monochromacy



Original Color

26.7961, 0.3399, 0.3468

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9669, 0.3222, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7961, 0.3399, 0.3468 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(153, 139, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 139, 128)  
}
```

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(153, 139, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 139, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.7961, 0.3399, 0.3468 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(153, 139, 128) }
```

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

```
.border{ border-color:rgb(153, 139, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 139, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 139, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 139, 128);  
box-shadow:4px 4px 4px 4px rgb(153, 139,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7961, 0.3399, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 139, 128) }
```

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

```
.background{ background-color: rgb(153,  
139, 128) }
```

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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