

Converting Colors

$Yxy(26.5434, 0.3387, 0.3498)$

Have a look what the booklet for
Yxy(26.5434, 0.3387, 0.3498)
contains.

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Color

Yxy(26.4556, 0.3386, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	968B7E
RGB	150, 139, 126
RGB Percent	59%, 55%, 49%
CMY	0.4119, 0.4548, 0.5059
CMYK	0.00, 0.07, 0.16, 0.41
HSL	33°, 10%, 54%
HSV	33°, 16%, 59%
XYZ	25.5720, 26.4556, 23.4951
YIQ	140.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

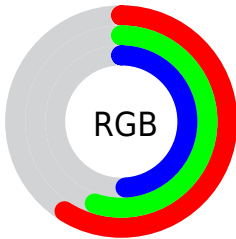
Format	Color
RYB	146, 150, 126
Decimal	9866110
CIELab	58.47, 1.81, 8.43
CIELCh	58, 8.623, 77.913
Yxy	26.4556, 0.3386, 0.3503
Android (android.graphics.Color)	4288056190 (0xFF968B7E)
YUV	140.8070, -7.2999, 8.0623
Hunter-Lab	51.4350, -1.2663, 8.9213

Details

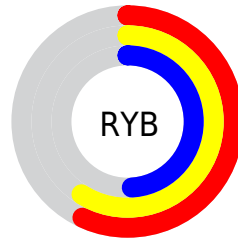
The Yxy color **26.4556, 0.3386, 0.3503** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5144, 0.2884, 0.3067**, and the grayscale version is **26.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7913, 0.3327, 0.3449**, and **10.3332, 0.3483, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **24.1748, 0.3574, 0.3644**, and if you desaturate by 10%, it is **28.9213, 0.3218, 0.3368**.

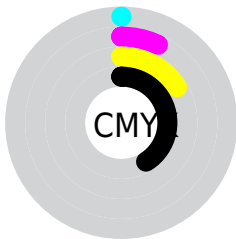
Distribution



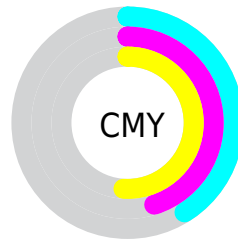
- Red (59%)
- Green (55%)
- Blue (49%)



- Red (57%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (41%)





- Cyan (41%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4556, 0.3386, 0.3503 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 26.4556, 0.3386, 0.3503 by changing the saturation by 10% instead.


 26.4556, 0.3386,
0.3503


 26.4556, 0.3386,
0.3503


285.0115, 0.3244,
0.3387

 17.1648, 0.3426,
0.3535


 54.0090, 0.3331,
0.3458

 10.3521, 0.3481,
0.3580


 73.0404, 0.3311,
0.3442

 5.6330, 0.3561,
0.3643

 96.0875, 0.3295,
0.3429

 2.6232, 0.3686,
0.3740

123.5346, 0.3282,
0.3418

 0.9384, 0.4066,
0.4066

155.7662, 0.3270,
0.3409

 0.0000, 0.0000,
0.0000

193.1666, 0.3260,

0.3401

236.1202, 0.3252,
0.3393

■ 26.4556, 0.3386,
0.3503

■ 26.4556, 0.3386,
0.3503

■ 24.1748, 0.3574,
0.3644

■ 28.9213, 0.3218,
0.3368

■ 22.0705, 0.3784,
0.3786

■ 31.5730, 0.3070,
0.3240

■ 20.1388, 0.4012,
0.3925

■ 34.4162, 0.2939,
0.3120

■ 18.3743, 0.4256,
0.4050

■ 37.4552, 0.2825,
0.3010

■ 16.7711, 0.4506,
0.4154

■ 40.6942, 0.2724,
0.2909

■ 15.3232, 0.4753,
0.4222

■ 44.1370, 0.2636,
0.2816

■ 14.0235, 0.4982,
0.4246

■ 47.7875, 0.2558,
0.2731

■ 12.8631, 0.5181,
0.4221

■ 51.6495, 0.2489,
0.2653

■ 12.4302, 0.5260,
0.4206

■ 55.3361, 0.2457,
0.2643

Harmonies

Analogous

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



26.4556, 0.3414, 0.3405



26.4556, 0.3386, 0.3503



26.4556, 0.3287, 0.3546

Triad

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



26.4556, 0.3386, 0.3503



26.4556, 0.2896, 0.3293



26.4556, 0.3102, 0.3076

Complementary

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



26.4556, 0.3386, 0.3503



24.5144, 0.2884, 0.3067

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.



26.4556, 0.2965, 0.3044



26.4556, 0.3386, 0.3503



26.4556, 0.2848, 0.3165

Square

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



26.4556, 0.3386, 0.3503



26.4556, 0.3004, 0.3423



26.4556, 0.2873, 0.3075



26.4556, 0.3248, 0.3162

Rectangle

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



26.4556, 0.3386, 0.3503



26.4556, 0.3196, 0.3535



26.4556, 0.2873, 0.3075



26.4556, 0.3053, 0.3059

Sweetspot

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



26.4568, 0.3386, 0.3503



51.4633, 0.3204, 0.3356



23.2132, 0.3288, 0.3108



11.3414, 0.3214, 0.3364



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.



26.4568, 0.3386, 0.3503



45.3092, 0.3447, 0.3550



29.7159, 0.3351, 0.3675



6.3058, 0.3270, 0.3410



10.3781, 0.5250, 0.4213



0.1860, 0.4697, 0.4653

Inverse Universe

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



24.5144, 0.2884, 0.3067



41.2496, 0.2830, 0.3015



21.6176, 0.2885, 0.2876



6.0435, 0.2989, 0.3167



5.3740, 0.1744, 0.1479



0.1236, 0.1968, 0.2283

Previews

White Background



This preview shows how the Yxy color 26.4556, 0.3386, 0.3503 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 26.4556, 0.3386, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

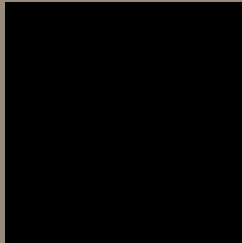
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4556, 0.3386, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 26.4556, 0.3386, 0.3503.



This preview shows how white text looks on a background with the Yxy color 26.4556, 0.3386, 0.3503.

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

26.4556, 0.3386, 0.3503

Protanopia

26.3995, 0.3328, 0.3505

Deuteranopia

26.5116, 0.3488, 0.3433



Tritanopia

26.4872, 0.3202, 0.3117

Trichromacy



Original Color

26.4556, 0.3386, 0.3503

Protanomaly

26.4915, 0.3339, 0.3504

Deuteranomaly

26.4915, 0.3450, 0.3451

Tritanomaly

26.4308, 0.3274, 0.3258

Monochromacy



Original Color

26.4556, 0.3386, 0.3503

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4630, 0.3212, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4556, 0.3386, 0.3503 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(150, 139, 126)` looks like.

```
.text, #text, p{  
    color:rgb(150, 139, 126)  
}
```

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(150, 139, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 139, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.4556, 0.3386, 0.3503 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(150, 139, 126) }
```

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

```
.border{ border-color:rgb(150, 139, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 139, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 139, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 139, 126);  
box-shadow:4px 4px 4px 4px rgb(150, 139,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4556, 0.3386, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 139, 126) }
```

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

```
.background{ background-color: rgb(150,  
139, 126) }
```

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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