

Converting Colors

$Yxy(26.9234, 0.3485, 0.3432)$

Have a look what the booklet for
Yxy(26.9234, 0.3485, 0.3432)
contains.

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Color

Yxy(26.9234, 0.3485, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	A08980
RGB	160, 137, 128
RGB Percent	63%, 54%, 50%
CMY	0.3726, 0.4627, 0.4979
CMYK	0.00, 0.14, 0.20, 0.37
HSL	17°, 14%, 56%
HSV	17°, 20%, 63%
XYZ	27.3392, 26.9234, 24.1856
YIQ	142.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

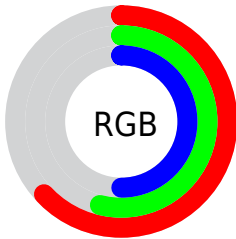
Format	Color
RYB	160, 141, 128
Decimal	10520960
CIELab	58.90, 7.20, 8.02
CIELCh	59, 10.775, 48.103
Yxy	26.9234, 0.3485, 0.3432
Android (android.graphics.Color)	4288711040 (0xFFA08980)
YUV	142.8510, -7.3215, 15.0397
Hunter-Lab	51.8878, 3.2464, 8.6856

Details

The Yxy color $26.9234, 0.3485, 0.3432$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.2657, 0.2827, 0.3143$, and the grayscale version is $27.4313, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6102, 0.3407, 0.3397$, and $10.5690, 0.3616, 0.3473$ is the 20% darker color. If you saturate the color by 10%, you get $23.4374, 0.3715, 0.3508$, and if you desaturate by 10%, it is $30.8271, 0.3291, 0.3359$.

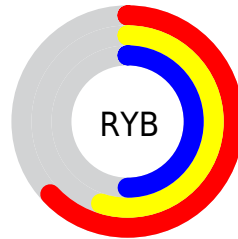
Distribution



Red (63%)

Green (54%)

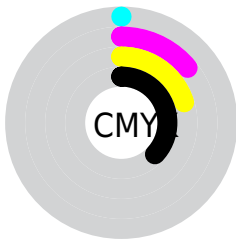
Blue (50%)



Red (63%)

Yellow (55%)

Blue (50%)

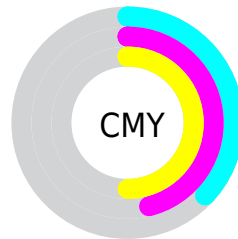


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (37%)



Cyan (37%)

Magenta (46%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9234, 0.3485, 0.3432 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 26.9234, 0.3485, 0.3432 by changing the saturation by 10% instead.


 26.9234, 0.3485,
0.3432


 26.9234, 0.3485,
0.3432


287.2860, 0.3289,
0.3357


 17.5157, 0.3541,
0.3452


 54.7609, 0.3409,
0.3404

 10.6029, 0.3617,
0.3479


 73.9595, 0.3382,
0.3393

 5.8005, 0.3728,
0.3515

 97.1906, 0.3359,
0.3385

 2.7241, 0.3902,
0.3568

124.8385, 0.3341,
0.3378

 0.9895, 0.4320,
0.3742

157.2875, 0.3325,
0.3371

 0.0000, 1.0000,
0.0000

194.9222, 0.3311,

 0.0000, 0.0000,

0.3366

0.0000

238.1269, 0.3299,
0.3361

■ 26.9234, 0.3485,
0.3432

■ 26.9234, 0.3485,
0.3432

■ 23.4374, 0.3715,
0.3508

■ 30.8271, 0.3291,
0.3359

■ 20.3515, 0.3984,
0.3584

■ 35.1580, 0.3127,
0.3290

■ 17.6520, 0.4295,
0.3654

■ 39.9302, 0.2989,
0.3226

■ 15.3232, 0.4641,
0.3711

■ 45.1559, 0.2873,
0.3168

■ 13.3482, 0.5011,
0.3745

■ 50.8466, 0.2774,
0.3115

■ 11.7088, 0.5379,
0.3744

■ 57.0136, 0.2691,
0.3066

■ 10.3848, 0.5711,
0.3701

■ 63.6678, 0.2619,
0.3022

■ 9.3473, 0.5988,
0.3627

■ 70.7540, 0.2562,
0.2993

■ 9.3456, 0.5989,
0.3627

■ 77.3346, 0.2582,
0.3126

Harmonies

Analogous

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



26.9234, 0.3422, 0.3279



26.9234, 0.3485, 0.3432



26.9234, 0.3448, 0.3554

Triad

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



26.9234, 0.3485, 0.3432



26.9234, 0.2973, 0.3455



26.9234, 0.2927, 0.2986

Complementary

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



26.9234, 0.3485, 0.3432



29.2657, 0.2827, 0.3143

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.



26.9234, 0.2814, 0.3022



26.9234, 0.3485, 0.3432



26.9234, 0.2840, 0.3291

Square

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



26.9234, 0.3485, 0.3432



26.9234, 0.3150, 0.3574



26.9234, 0.2782, 0.3132



26.9234, 0.3096, 0.3026

Rectangle

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



26.9234, 0.3485, 0.3432



26.9234, 0.3374, 0.3600



26.9234, 0.2782, 0.3132



26.9234, 0.2881, 0.2989

Sweetspot

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



26.9246, 0.3485, 0.3432



58.9257, 0.3224, 0.3332



25.1669, 0.3242, 0.2931



12.8217, 0.3234, 0.3336



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.



26.9246, 0.3485, 0.3432



45.9629, 0.3583, 0.3466



31.6619, 0.3441, 0.3667



6.9345, 0.3277, 0.3353



7.3473, 0.5972, 0.3640



0.1974, 0.5278, 0.4191

Inverse Universe

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



29.2657, 0.2827, 0.3143



51.0016, 0.2761, 0.3107



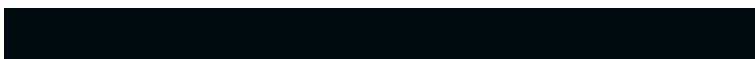
24.5918, 0.2811, 0.2883



7.1942, 0.2988, 0.3226



11.6145, 0.1992, 0.2370



0.2747, 0.2106, 0.2780

Previews

White Background



This preview shows how the Yxy color 26.9234, 0.3485, 0.3432 looks on a white background.

Color Contrast Check

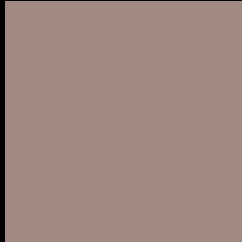
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9234, 0.3485, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

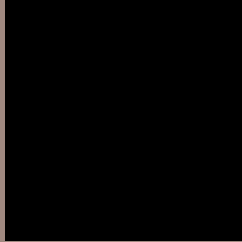
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9234, 0.3485, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 26.9234, 0.3485, 0.3432.



This preview shows how white text looks on a background with the Yxy color 26.9234, 0.3485, 0.3432.

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

26.9234, 0.3485, 0.3432

Protanopia

26.8645, 0.3305, 0.3471

Deuteranopia

27.0269, 0.3497, 0.3432



Tritanopia

26.7759, 0.3327, 0.3122

Trichromacy



Original Color

26.9234, 0.3485, 0.3432

Protanomaly

27.0165, 0.3375, 0.3468

Deuteranomaly

27.0269, 0.3497, 0.3432

Tritanomaly

26.7691, 0.3380, 0.3229

Monochromacy



Original Color

26.9234, 0.3485, 0.3432

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2743, 0.3245, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9234, 0.3485, 0.3432 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(160, 137, 128)` looks like.

```
.text, #text, p{  
    color:rgb(160, 137, 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(160, 137, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 137, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.9234, 0.3485, 0.3432 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(160, 137, 128) }
```

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

```
.border{ border-color:rgb(160, 137, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 137, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 137, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 137, 128);  
box-shadow:4px 4px 4px 4px rgb(160, 137,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9234, 0.3485, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 137, 128) }
```

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

```
.background{ background-color: rgb(160,  
137, 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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