

Converting Colors

$Yxy(30.8595, 0.3264, 0.3727)$

Have a look what the booklet for
Yxy(30.8595, 0.3264, 0.3727)
contains.

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Color

Yxy(30.9305, 0.3267, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	909B80
RGB	144, 155, 128
RGB Percent	56%, 61%, 50%
CMY	0.4353, 0.3922, 0.4980
CMYK	0.07, 0.00, 0.17, 0.39
HSL	84°, 12%, 55%
HSV	84°, 17%, 61%
XYZ	27.1202, 30.9305, 24.9619
YIQ	148.6330, 2.1110, -10.7290

Conversions

Conversions Part 2

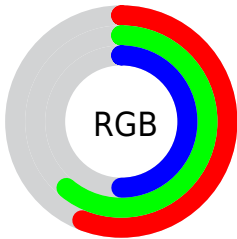
Format	Color
RYB	128, 155, 139
Decimal	9476992
CIELab	62.45, -8.97, 12.85
CIELCh	62, 15.672, 124.918
Yxy	30.9305, 0.3267, 0.3726
Android (android.graphics.Color)	4287667072 (0xFF909B80)
YUV	148.6330, -10.1721, -4.0631
Hunter-Lab	55.6152, -10.2828, 12.3194

Details

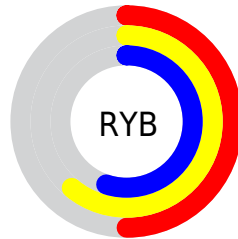
The Yxy color **30.9305, 0.3267, 0.3726** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.2927, 0.2968, 0.2847**, and the grayscale version is **29.9367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9429, 0.3240, 0.3628**, and **12.7923, 0.3300, 0.3881** is the 20% darker color. If you saturate the color by 10%, you get **30.0019, 0.3345, 0.3998**, and if you desaturate by 10%, it is **31.9559, 0.3187, 0.3469**.

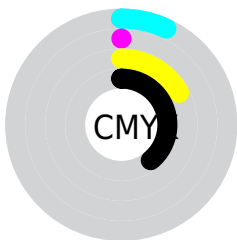
Distribution



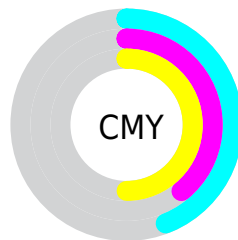
- Red (56%)
- Green (61%)
- Blue (50%)



- Red (50%)
- Yellow (61%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)





- Cyan (44%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9305, 0.3267, 0.3726 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 30.9305, 0.3267, 0.3726 by changing the saturation by 10% instead.


 30.9305, 0.3267,
0.3726


 30.9305, 0.3267,
0.3726


306.2180, 0.3195,
0.3489

 20.5459, 0.3286,
0.3792


 61.1306, 0.3240,
0.3635

 12.7925, 0.3310,
0.3883


 81.7150, 0.3230,
0.3602

 7.2858, 0.3342,
0.4012


 106.4681, 0.3222,
0.3575

 3.6415, 0.3387,
0.4211

135.7742, 0.3215,
0.3552

 1.4751, 0.3495,
0.4619

170.0179, 0.3209,
0.3533

 0.2711, 0.1249,
0.8751

209.5835, 0.3203,

 0.0000, 0.0000,

0.3516

0.0000

254.8554, 0.3199,
0.3502

■ 30.9305, 0.3267,
0.3726

■ 30.9305, 0.3267,
0.3726

■ 30.0019, 0.3345,
0.3998

■ 31.9559, 0.3187,
0.3469

■ 29.1628, 0.3418,
0.4278

■ 33.0772, 0.3107,
0.3230

■ 28.4108, 0.3481,
0.4558

■ 34.2988, 0.3029,
0.3011

■ 27.7423, 0.3529,
0.4828

■ 35.6234, 0.2955,
0.2812

■ 27.1529, 0.3560,
0.5074

■ 37.0538, 0.2885,
0.2633

■ 26.6380, 0.3568,
0.5284

■ 38.5926, 0.2820,
0.2471

■ 26.1923, 0.3554,
0.5449

■ 40.2423, 0.2759,
0.2327

■ 25.8070, 0.3519,
0.5567

■ 42.0053, 0.2703,
0.2197

■ 25.7137, 0.3509,
0.5596

■ 43.0525, 0.2732,
0.2186

Harmonies

Analogous

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



30.9305, 0.3488, 0.3714



30.9305, 0.3267, 0.3726



30.9305, 0.3015, 0.3608

Triad

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



30.9305, 0.3267, 0.3726



30.9305, 0.2662, 0.2972



30.9305, 0.3460, 0.3180

Complementary

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



30.9305, 0.3267, 0.3726



23.2927, 0.2968, 0.2847

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.



30.9305, 0.3227, 0.3001



30.9305, 0.3267, 0.3726



30.9305, 0.2770, 0.2879

Square

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



30.9305, 0.3267, 0.3726



30.9305, 0.2672, 0.3158



30.9305, 0.2973, 0.2892



30.9305, 0.3604, 0.3391

Rectangle

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



30.9305, 0.3267, 0.3726



30.9305, 0.2863, 0.3472



30.9305, 0.2973, 0.2892



30.9305, 0.3389, 0.3114

Sweetspot

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



30.9318, 0.3267, 0.3726



57.6792, 0.3168, 0.3412



26.9345, 0.3423, 0.3463



13.0265, 0.3173, 0.3428



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.



30.9318, 0.3267, 0.3726



54.7103, 0.3299, 0.3833



29.8030, 0.3132, 0.3744



7.0974, 0.3201, 0.3514



20.6755, 0.3515, 0.5591



0.3303, 0.3815, 0.5353

Inverse Universe

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



23.2927, 0.2968, 0.2847



38.3575, 0.2926, 0.2737



24.5091, 0.3116, 0.2867



6.1429, 0.3048, 0.3064



2.7734, 0.1878, 0.0808



0.0619, 0.2365, 0.1077

Previews

White Background



This preview shows how the Yxy color 30.9305, 0.3267, 0.3726 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 30.9305, 0.3267, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

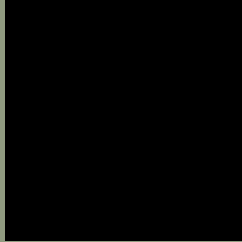
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9305, 0.3267, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 30.9305, 0.3267, 0.3726.



This preview shows how white text looks on a background with the Yxy color 30.9305, 0.3267, 0.3726.

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

30.9305, 0.3267, 0.3726

Protanopia

30.6900, 0.3457, 0.3662

Deuteranopia

30.7467, 0.3586, 0.3513



Tritanopia

30.8109, 0.3007, 0.3106

Trichromacy



Original Color

30.9305, 0.3267, 0.3726

Protanomaly

30.8588, 0.3388, 0.3683

Deuteranomaly

30.7613, 0.3462, 0.3597

Tritanomaly

30.8615, 0.3096, 0.3321

Monochromacy



Original Color

30.9305, 0.3267, 0.3726

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.2593, 0.3181, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9305, 0.3267, 0.3726 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(144, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(144, 155, 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(144, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 155, 128) }
```

Border

The CSS property to change the border of an element to Yxy 30.9305, 0.3267, 0.3726 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(144, 155, 128) }
```

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

```
.border{ border-color:rgb(144, 155, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 155, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 155, 128);  
box-shadow:4px 4px 4px 4px rgb(144, 155,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9305, 0.3267, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 155, 128) }
```

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

```
.background{ background-color: rgb(144,  
155, 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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