

Converting Colors

$Yxy(30.2032, 0.3268, 0.3184)$

Have a look what the booklet for
Yxy(30.2032, 0.3268, 0.3184)
contains.

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Color

Yxy(30.0734, 0.3270, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	A49097
RGB	164, 144, 151
RGB Percent	64%, 56%, 59%
CMY	0.3569, 0.4353, 0.4079
CMYK	0.00, 0.12, 0.08, 0.36
HSL	339°, 10%, 60%
HSV	339°, 12%, 64%
XYZ	30.8663, 30.0734, 33.4526
YIQ	150.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

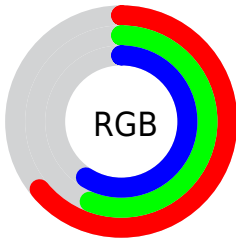
Format	Color
RYB	164, 144, 151
Decimal	10784919
CIELab	61.72, 8.69, -0.96
CIELCh	62, 8.742, 353.704
Yxy	30.0734, 0.3270, 0.3186
Android (android.graphics.Color)	4288974999 (0xFFA49097)
YUV	150.7780, 0.1094, 11.5957
Hunter-Lab	54.8392, 4.5002, 2.2198

Details

The Yxy color **30.0734, 0.3270, 0.3186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9107, 0.3003, 0.3396**, and the grayscale version is **30.8439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8560, 0.3242, 0.3211**, and **12.3703, 0.3320, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **25.1313, 0.3416, 0.3095**, and if you desaturate by 10%, it is **35.7711, 0.3150, 0.3272**.

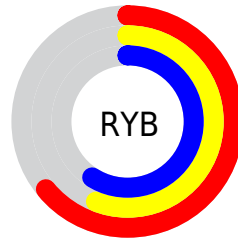
Distribution



Red (64%)

Green (56%)

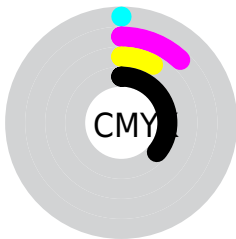
Blue (59%)



Red (64%)

Yellow (56%)

Blue (59%)

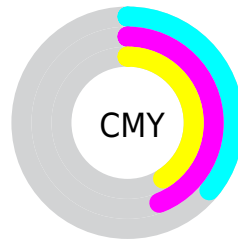


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0734, 0.3270, 0.3186 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 30.0734, 0.3270, 0.3186 by changing the saturation by 10% instead.


 30.0734, 0.3270,
0.3186


 30.0734, 0.3270,
0.3186


302.2464, 0.3194,
0.3242

 19.8943, 0.3291,
0.3171

 59.7782, 0.3241,
0.3207

 12.3182, 0.3319,
0.3150


 80.0728, 0.3230,
0.3215

 6.9608, 0.3359,
0.3122


104.5079, 0.3222,
0.3221

 3.4376, 0.3420,
0.3078

133.4680, 0.3214,
0.3227

 1.3642, 0.3524,
0.3004

167.3376, 0.3208,
0.3231

 0.1901, 0.4584,
0.2219

206.5009, 0.3202,

 0.0000, 0.0000,

0.3235

0.0000

251.3424, 0.3198,
0.3239

■ 30.0734, 0.3270,
0.3186

■ 30.0734, 0.3270,
0.3186

■ 25.1313, 0.3416,
0.3095

■ 35.7711, 0.3150,
0.3272

■ 20.9090, 0.3593,
0.3002

■ 42.2503, 0.3052,
0.3352

■ 17.3738, 0.3805,
0.2911

■ 49.5406, 0.2972,
0.3426

■ 14.4888, 0.4055,
0.2827

■ 57.6689, 0.2905,
0.3494

■ 12.2136, 0.4343,
0.2760

■ 66.6607, 0.2850,
0.3556

■ 10.5034, 0.4662,
0.2722

■ 76.5406, 0.2805,
0.3612

■ 9.3070, 0.4995,
0.2724

■ 84.8832, 0.2763,
0.3623

■ 8.5637, 0.5319,
0.2774

■ 85.4860, 0.2711,
0.3498

■ 8.1897, 0.5557,
0.2835

■ 86.1258, 0.2661,
0.3377

Harmonies

Analogous

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



30.0734, 0.3131, 0.3094



30.0734, 0.3270, 0.3186



30.0734, 0.3372, 0.3305

Triad

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



30.0734, 0.3270, 0.3186



30.0734, 0.3259, 0.3539



30.0734, 0.2855, 0.3148

Complementary

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



30.0734, 0.3270, 0.3186



34.9107, 0.3003, 0.3396

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.



30.0734, 0.2888, 0.3267



30.0734, 0.3270, 0.3186



30.0734, 0.3119, 0.3497

Square

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



30.0734, 0.3270, 0.3186



30.0734, 0.3365, 0.3510



30.0734, 0.2984, 0.3397



30.0734, 0.2893, 0.3070

Rectangle

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



30.0734, 0.3270, 0.3186



30.0734, 0.3404, 0.3386



30.0734, 0.2984, 0.3397



30.0734, 0.2858, 0.3184

Sweetspot

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



30.0747, 0.3270, 0.3186



62.8769, 0.3171, 0.3256



29.7969, 0.3069, 0.2991



13.5764, 0.3179, 0.3250



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.0747, 0.3270, 0.3186



51.6746, 0.3312, 0.3158



30.7744, 0.3336, 0.3336



7.1250, 0.3233, 0.3212



6.2889, 0.5531, 0.2821



0.1408, 0.4580, 0.2297

Inverse Universe

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



30.0747, 0.3270, 0.3186



51.6746, 0.3312, 0.3158



34.0963, 0.2944, 0.3244



7.1250, 0.3233, 0.3212



6.2889, 0.5531, 0.2821



0.1408, 0.4580, 0.2297

Previews

White Background



This preview shows how the Yxy color 30.0734, 0.3270, 0.3186 looks on a white background.

Color Contrast Check

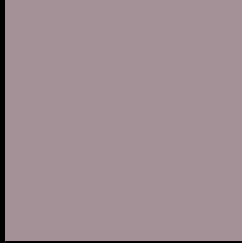
Large Text (above 18pt) WCAG AA × Fail

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 30.0734, 0.3270, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

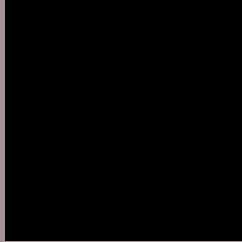
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0734, 0.3270, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 30.0734, 0.3270, 0.3186.



This preview shows how white text looks on a background with the Yxy color 30.0734, 0.3270, 0.3186.

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

30.0734, 0.3270, 0.3186

Protanopia

30.0922, 0.3101, 0.3197

Deuteranopia

29.9674, 0.3259, 0.3185



Tritanopia

29.9040, 0.3231, 0.3112

Trichromacy



Original Color

30.0734, 0.3270, 0.3186

Protanomaly

30.2353, 0.3162, 0.3199

Deuteranomaly

29.9674, 0.3259, 0.3185

Tritanomaly

29.8705, 0.3241, 0.3126

Monochromacy



Original Color

30.0734, 0.3270, 0.3186

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4821, 0.3181, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0734, 0.3270, 0.3186 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(164, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 151)  
}
```

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(164, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 151) }
```

Border

The CSS property to change the border of an element to Yxy 30.0734, 0.3270, 0.3186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

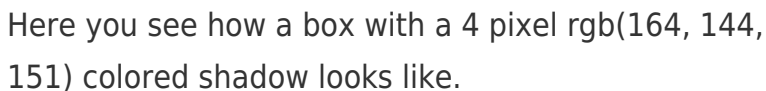
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 144, 151) }
```

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

```
.border{ border-color:rgb(164, 144, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 144, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 144, 151); box-shadow:4px 4px 4px 4px rgb(164, 144, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0734, 0.3270, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 144, 151) }
```

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

```
.background{ background-color: rgb(164,  
144, 151) }
```

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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