

Converting Colors

Yxy(30.3848, 0.3219, 0.3226)

Have a look what the booklet for
Yxy(30.3848, 0.3219, 0.3226)
contains.

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Color

Yxy(30.4727, 0.3213, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	9F9397
RGB	159, 147, 151
RGB Percent	62%, 58%, 59%
CMY	0.3766, 0.4235, 0.4079
CMYK	0.00, 0.08, 0.05, 0.38
HSL	340°, 6%, 60%
HSV	340°, 8%, 62%
XYZ	30.3123, 30.4727, 33.5577
YIQ	151.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

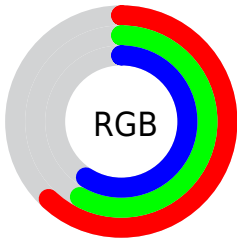
Format	Color
R_{YB}	159, 147, 151
Decimal	10458007
CIE _{Lab}	62.06, 5.14, -0.51
CIE _{LCh}	62, 5.170, 354.346
Yxy	30.4727, 0.3213, 0.3230
Android (android.graphics.Color)	4288648087 (0xFF9F9397)
YUV	151.0440, -0.0217, 6.9774
Hunter-Lab	55.2021, 1.4135, 2.5987

Details

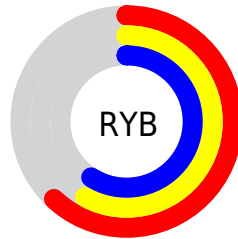
The Yxy color **30.4727, 0.3213, 0.3230** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3565, 0.3048, 0.3351**, and the grayscale version is **30.9643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4772, 0.3199, 0.3244**, and **12.4740, 0.3253, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **25.5369, 0.3349, 0.3146**, and if you desaturate by 10%, it is **36.1255, 0.3102, 0.3309**.

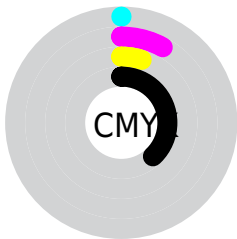
Distribution



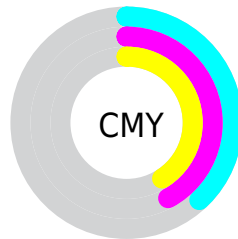
- Red (62%)
- Green (58%)
- Blue (59%)



- Red (62%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4727, 0.3213, 0.3230 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 30.4727, 0.3213, 0.3230 by changing the saturation by 10% instead.

■ 30.4727, 0.3213,
0.3230

■ 30.4727, 0.3213,
0.3230

304.1016, 0.3167,
0.3262

■ 20.1977, 0.3226,
0.3221

■ 60.4089, 0.3196,
0.3242

■ 12.5388, 0.3242,
0.3209

■ 80.8389, 0.3189,
0.3247

■ 7.1117, 0.3266,
0.3193

105.4226, 0.3184,
0.3250

■ 3.5321, 0.3303,
0.3167

134.5445, 0.3180,
0.3253

■ 1.4154, 0.3365,
0.3124

168.5890, 0.3176,
0.3256

■ 0.2280, 0.4007,
0.2669


207.9404, 0.3173,


■ 0.0000, 0.0000,

0.3258


0.0000


252.9832, 0.3170,
0.3260


 30.4727, 0.3213,
0.3230


 30.4727, 0.3213,
0.3230

 25.5369, 0.3349,
0.3146


 36.1255, 0.3102,
0.3309


 21.2853, 0.3514,
0.3058


 42.5182, 0.3010,
0.3382

 17.6888, 0.3714,
0.2970

 49.6779, 0.2935,
0.3450

 14.7143, 0.3953,
0.2886

 57.6289, 0.2873,
0.3511

 12.3261, 0.4231,
0.2814

 66.3946, 0.2822,
0.3567

■ 10.4846, 0.4545,
0.2765

■ 75.9972, 0.2780,
0.3618

■ 9.1454, 0.4883,
0.2749

■ 84.3386, 0.2740,
0.3630

■ 8.2570, 0.5223,
0.2777

■ 84.9368, 0.2689,
0.3505

■ 7.7339, 0.5539,
0.2849

■ 85.5717, 0.2640,
0.3383

Harmonies

Analogous

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



30.4727, 0.3132, 0.3174



30.4727, 0.3213, 0.3230



30.4727, 0.3272, 0.3302

Triad

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



30.4727, 0.3213, 0.3230



30.4727, 0.3203, 0.3435



30.4727, 0.2966, 0.3206

Complementary

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



30.4727, 0.3213, 0.3230



33.3565, 0.3048, 0.3351

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.



30.4727, 0.2985, 0.3276



30.4727, 0.3213, 0.3230



30.4727, 0.3121, 0.3410

Square

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



30.4727, 0.3213, 0.3230



30.4727, 0.3266, 0.3421



30.4727, 0.3041, 0.3351



30.4727, 0.2990, 0.3160

Rectangle

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



30.4727, 0.3213, 0.3230



30.4727, 0.3290, 0.3349



30.4727, 0.3041, 0.3351



30.4727, 0.2968, 0.3227

Sweetspot

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



30.4740, 0.3213, 0.3230



59.9883, 0.3149, 0.3274



30.3414, 0.3095, 0.3109



13.5517, 0.3148, 0.3275



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.



30.4740, 0.3213, 0.3230



53.0517, 0.3234, 0.3216



30.9722, 0.3249, 0.3321



6.6807, 0.3235, 0.3216



6.0310, 0.5592, 0.2854



0.1152, 0.4584, 0.2299

Inverse Universe

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



30.4740, 0.3213, 0.3230



53.0517, 0.3234, 0.3216



32.8127, 0.3014, 0.3259



6.6807, 0.3235, 0.3216



6.0310, 0.5592, 0.2854



0.1152, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 30.4727, 0.3213, 0.3230 looks on a white background.

Color Contrast Check

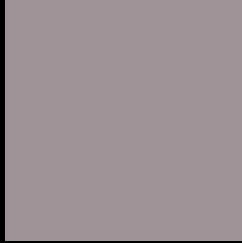
Large Text (above 18pt) WCAG AA × Fail

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 30.4727, 0.3213, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

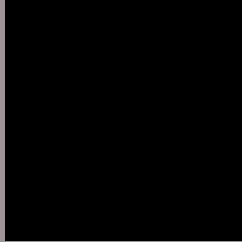
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4727, 0.3213, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 30.4727, 0.3213, 0.3230.



This preview shows how white text looks on a background with the Yxy color 30.4727, 0.3213, 0.3230.

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

30.4727, 0.3213, 0.3230

Protanopia

30.4373, 0.3129, 0.3244

Deuteranopia

30.3777, 0.3269, 0.3201



Tritanopia

30.4657, 0.3166, 0.3125

Trichromacy



Original Color

30.4727, 0.3213, 0.3230

Protanomaly

30.4154, 0.3161, 0.3229

Deuteranomaly

30.4735, 0.3246, 0.3215

Tritanomaly

30.3979, 0.3186, 0.3155

Monochromacy



Original Color

30.4727, 0.3213, 0.3230

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.9171, 0.3158, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4727, 0.3213, 0.3230 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(159, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 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(159, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 151) }
```

Border

The CSS property to change the border of an element to Yxy 30.4727, 0.3213, 0.3230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

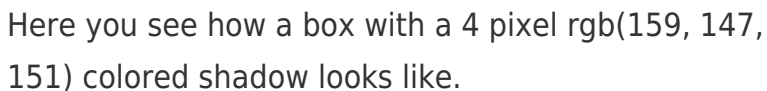
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 147, 151) }
```

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

```
.border{ border-color:rgb(159, 147, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 147, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 147, 151); box-shadow:4px 4px 4px 4px rgb(159, 147, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4727, 0.3213, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 151) }
```

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

```
.background{ background-color: rgb(159,  
147, 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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