

Converting Colors

$Y_{xy}(30.7313, 0.3285, 0.3084)$

Have a look what the booklet for
Yxy(30.7313, 0.3285, 0.3084)
contains.

Yxy(30.7372, 0.3285, 0.3088)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.7372, 0.3285, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	AB8F9D
RGB	171, 143, 157
RGB Percent	67%, 56%, 62%
CMY	0.3295, 0.4392, 0.3844
CMYK	0.00, 0.16, 0.08, 0.33
HSL	330°, 14%, 62%
HSV	330°, 16%, 67%
XYZ	32.6981, 30.7372, 36.1023
YIQ	152.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

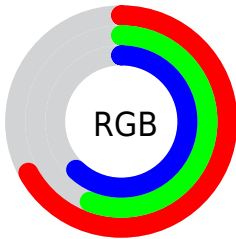
Format	Color
RYB	171, 143, 157
Decimal	11243421
CIELab	62.29, 12.91, -3.45
CIElCh	62, 13.364, 345.027
Yxy	30.7372, 0.3285, 0.3088
Android (android.graphics.Color)	4289433501 (0xFFAB8F9D)
YUV	152.9680, 1.9878, 15.8141
Hunter-Lab	55.4411, 8.2538, 0.2002

Details

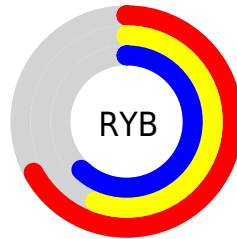
The Yxy color **30.7372, 0.3285, 0.3088** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3923, 0.2994, 0.3501**, and the grayscale version is **31.8274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0169, 0.3254, 0.3125**, and **12.7912, 0.3341, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **25.7077, 0.3407, 0.2957**, and if you desaturate by 10%, it is **36.5723, 0.3183, 0.3214**.

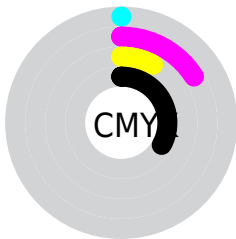
Distribution



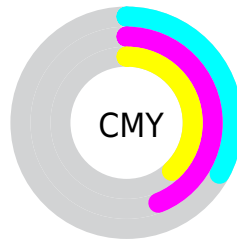
- Red (67%)
- Green (56%)
- Blue (62%)



- Red (67%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (33%)




- Cyan (33%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.7372, 0.3285, 0.3088 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 30.7372, 0.3285, 0.3088 by changing the saturation by 10% instead.


 30.7372, 0.3285,
0.3088

 30.7372, 0.3285,
0.3088


305.3258, 0.3201,
0.3195

 20.3988, 0.3308,
0.3059


 60.8261, 0.3253,
0.3128

 12.6853, 0.3338,
0.3021

 81.3454, 0.3242,
0.3143

 7.2122, 0.3380,
0.2969


106.0271, 0.3232,
0.3155

 3.5952, 0.3443,
0.2890

135.2556, 0.3224,
0.3165

 1.4498, 0.3549,
0.2761

169.4153, 0.3217,
0.3174

 0.2530, 0.4192,
0.1909

208.8907, 0.3211,

 0.0000, 0.0000,

0.3182

0.0000

254.0660, 0.3206,
0.3189

■ 30.7372, 0.3285,
0.3088

■ 30.7372, 0.3285,
0.3088

■ 25.7077, 0.3407,
0.2957

■ 36.5723, 0.3183,
0.3214

■ 21.4441, 0.3553,
0.2826

■ 43.2423, 0.3098,
0.3332

■ 17.9091, 0.3724,
0.2699

■ 50.7802, 0.3028,
0.3443

■ 15.0611, 0.3920,
0.2585

■ 59.2159, 0.2970,
0.3545

■ 12.8539, 0.4139,
0.2495

■ 68.5779, 0.2922,
0.3639

■ 11.2357, 0.4376,
0.2441

■ 78.8933, 0.2882,
0.3724

■ 10.1466, 0.4621,
0.2434

■ 85.1778, 0.2843,
0.3723

■ 9.5046, 0.4861,
0.2478

■ 85.6341, 0.2800,
0.3622

■ 9.3183, 0.4948,
0.2500

■ 86.1139, 0.2758,
0.3524

Harmonies

Analogous

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



30.7372, 0.3067, 0.2971



30.7372, 0.3285, 0.3088



30.7372, 0.3464, 0.3256

Triad

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



30.7372, 0.3285, 0.3088



30.7372, 0.3379, 0.3667



30.7372, 0.2722, 0.3118

Complementary

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



30.7372, 0.3285, 0.3088



37.3923, 0.2994, 0.3501

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.



30.7372, 0.2799, 0.3311



30.7372, 0.3285, 0.3088



30.7372, 0.3175, 0.3638

Square

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



30.7372, 0.3285, 0.3088



30.7372, 0.3518, 0.3590



30.7372, 0.2964, 0.3505



30.7372, 0.2748, 0.2982

Rectangle

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



30.7372, 0.3285, 0.3088



30.7372, 0.3534, 0.3379



30.7372, 0.2964, 0.3505



30.7372, 0.2737, 0.3178

Sweetspot

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



30.7386, 0.3285, 0.3088



66.9475, 0.3171, 0.3229



29.7564, 0.3004, 0.2876



14.7572, 0.3177, 0.3221



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.7386, 0.3285, 0.3088



51.2941, 0.3331, 0.3036



30.2882, 0.3431, 0.3291



8.0796, 0.3211, 0.3177



7.0374, 0.4927, 0.2488



0.2068, 0.4276, 0.2129

Inverse Universe

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



30.7386, 0.3285, 0.3088



51.2941, 0.3331, 0.3036



37.8973, 0.2885, 0.3289



8.0796, 0.3211, 0.3177



7.0374, 0.4927, 0.2488



0.2068, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 30.7372, 0.3285, 0.3088 looks on a white background.

Color Contrast Check

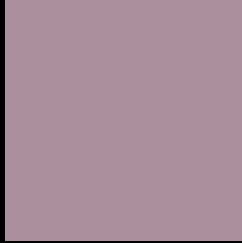
Large Text (above 18pt) WCAG AA × Fail

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 30.7372, 0.3285, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

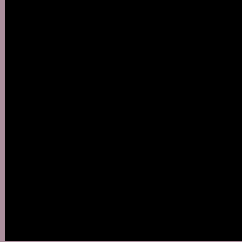
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7372, 0.3285, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 30.7372, 0.3285, 0.3088.



This preview shows how white text looks on a background with the Yxy color 30.7372, 0.3285, 0.3088.

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

30.7372, 0.3285, 0.3088

Protanopia

30.8699, 0.3025, 0.3122

Deuteranopia

30.7446, 0.3207, 0.3142



Tritanopia

30.6694, 0.3306, 0.3116

Trichromacy



Original Color

30.7372, 0.3285, 0.3088

Protanomaly

30.6746, 0.3116, 0.3095

Deuteranomaly

30.7581, 0.3240, 0.3128

Tritanomaly

30.7031, 0.3295, 0.3102

Monochromacy



Original Color

30.7372, 0.3285, 0.3088

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3016, 0.3192, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7372, 0.3285, 0.3088 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(171, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 157)  
}
```

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(171, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 157) }
```

Border

The CSS property to change the border of an element to Yxy 30.7372, 0.3285, 0.3088 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(171, 143, 157) }
```

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

```
.border{ border-color:rgb(171, 143, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(171, 143,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7372, 0.3285, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 157) }
```

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

```
.background{ background-color: rgb(171,  
143, 157) }
```

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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