

Converting Colors

$Yxy(31.7763, 0.3084, 0.2945)$

Have a look what the booklet for
Yxy(31.7763, 0.3084, 0.2945)
contains.

Yxy(31.8070, 0.3083, 0.2945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.8070, 0.3083, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	A593AB
RGB	165, 147, 171
RGB Percent	65%, 58%, 67%
CMY	0.3530, 0.4235, 0.3295
CMYK	0.04, 0.14, 0.00, 0.33
HSL	285°, 12%, 62%
HSV	285°, 14%, 67%
XYZ	33.2974, 31.8070, 42.8989
YIQ	155.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

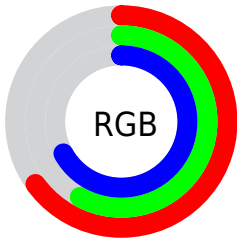
Format	Color
R_{YB}	165, 147, 171
Decimal	10851243
CIE _{Lab}	63.18, 11.17, -10.10
CIE _{LCh}	63, 15.056, 317.883
Yxy	31.8070, 0.3083, 0.2945
Android (android.graphics.Color)	4289041323 (0xFFA593AB)
YUV	155.1180, 7.8298, 8.6665
Hunter-Lab	56.3977, 6.6912, -5.6206

Details

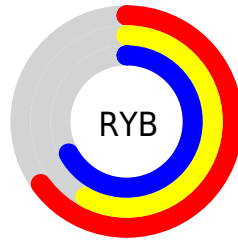
The Yxy color **31.8070, 0.3083, 0.2945** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9948, 0.3164, 0.3648**, and the grayscale version is **32.7966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4799, 0.3094, 0.3015**, and **13.2084, 0.3062, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **26.4295, 0.3044, 0.2685**, and if you desaturate by 10%, it is **37.9928, 0.3116, 0.3194**.

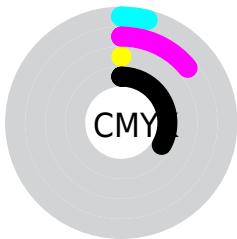
Distribution



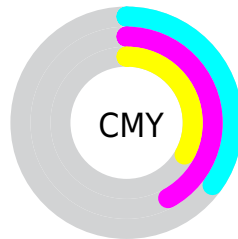
- Red (65%)
- Green (58%)
- Blue (67%)



- Red (65%)
- Yellow (58%)
- Blue (67%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)





- Cyan (35%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8070, 0.3083, 0.2945 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 31.8070, 0.3083, 0.2945 by changing the saturation by 10% instead.


 31.8070, 0.3083,
0.2945

 31.8070, 0.3083,
0.2945


310.2391, 0.3108,
0.3124

 21.2141, 0.3076,
0.2898


 62.5084, 0.3093,
0.3012

 13.2806, 0.3065,
0.2836


 83.3857, 0.3096,
0.3036

 7.6221, 0.3050,
0.2751


108.4600, 0.3099,
0.3057

 3.8541, 0.3027,
0.2628

138.1156, 0.3102,
0.3075

 1.5923, 0.2984,
0.2432

172.7369, 0.3104,
0.3090

 0.3524, 0.2956,
0.1715

212.7083, 0.3105,

 0.0000, 0.0000,

0.3103

0.0000

258.4143, 0.3107,
0.3114

■ 31.8070, 0.3083,
0.2945

■ 31.8070, 0.3083,
0.2945

■ 26.4295, 0.3044,
0.2685

■ 37.9928, 0.3116,
0.3194

■ 21.8213, 0.2998,
0.2420

■ 45.0156, 0.3143,
0.3428

■ 17.9464, 0.2946,
0.2159

■ 52.9076, 0.3164,
0.3645

■ 14.7641, 0.2888,
0.1911

■ 61.6982, 0.3181,
0.3844

■ 12.2297, 0.2825,
0.1687

■ 71.4152, 0.3195,
0.4026

■ 10.2932, 0.2759,
0.1497

■ 82.0855, 0.3205,
0.4190

■ 8.8972, 0.2692,
0.1349

■ 86.0456, 0.3226,
0.4233

■ 7.9728, 0.2627,
0.1247

■ 86.6222, 0.3253,
0.4225

■ 7.5495, 0.2588,
0.1199

■ 87.2151, 0.3280,
0.4217

Harmonies

Analogous

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



31.8070, 0.2861, 0.2891



31.8070, 0.3083, 0.2945



31.8070, 0.3325, 0.3082

Triad

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



31.8070, 0.3083, 0.2945



31.8070, 0.3553, 0.3636



31.8070, 0.2750, 0.3291

Complementary

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



31.8070, 0.3083, 0.2945



37.9948, 0.3164, 0.3648

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.



31.8070, 0.2924, 0.3512



31.8070, 0.3083, 0.2945



31.8070, 0.3388, 0.3713

Square

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



31.8070, 0.3083, 0.2945



31.8070, 0.3602, 0.3472



31.8070, 0.3157, 0.3670



31.8070, 0.2675, 0.3080

Rectangle

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



31.8070, 0.3083, 0.2945



31.8070, 0.3463, 0.3204



31.8070, 0.3157, 0.3670



31.8070, 0.2799, 0.3367

Sweetspot

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



31.8084, 0.3083, 0.2945



68.0008, 0.3116, 0.3193



31.9265, 0.2910, 0.3019



14.9709, 0.3113, 0.3175



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.



31.8084, 0.3083, 0.2945



53.6643, 0.3071, 0.2861



32.2419, 0.3201, 0.3034



8.0458, 0.3099, 0.3064



5.7188, 0.2594, 0.1203



0.1829, 0.2791, 0.1311

Inverse Universe

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



31.8257, 0.3319, 0.3204



53.7183, 0.3373, 0.3182



37.6200, 0.3061, 0.3561



8.0469, 0.3249, 0.3234



6.6640, 0.5893, 0.3020



0.1941, 0.5050, 0.2556

Previews

White Background



This preview shows how the Yxy color 31.8070, 0.3083, 0.2945 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 31.8070, 0.3083, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

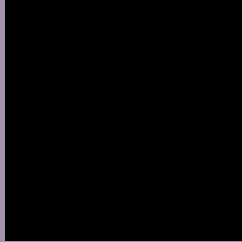
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.8070, 0.3083, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 31.8070, 0.3083, 0.2945.



This preview shows how white text looks on a background with the Yxy color 31.8070, 0.3083, 0.2945.

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

31.8070, 0.3083, 0.2945

Protanopia

31.9020, 0.2902, 0.2962

Deuteranopia

31.9087, 0.3033, 0.2969



Tritanopia

31.8195, 0.3165, 0.3128

Trichromacy



Original Color

31.8070, 0.3083, 0.2945

Protanomaly

31.7984, 0.2967, 0.2951

Deuteranomaly

31.8015, 0.3053, 0.2956

Tritanomaly

31.7527, 0.3138, 0.3056

Monochromacy



Original Color

31.8070, 0.3083, 0.2945

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4006, 0.3113, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8070, 0.3083, 0.2945 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(165, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 171)  
}
```

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(165, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 171) }
```

Border

The CSS property to change the border of an element to Yxy 31.8070, 0.3083, 0.2945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

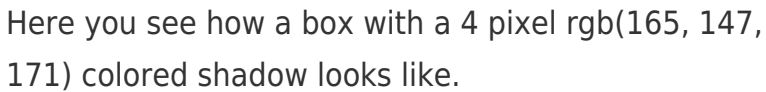
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 147, 171) }
```

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

```
.border{ border-color:rgb(165, 147, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 147, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 147, 171); box-shadow:4px 4px 4px 4px rgb(165, 147, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8070, 0.3083, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 147, 171) }
```

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

```
.background{ background-color: rgb(165,  
147, 171) }
```

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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