

Converting Colors

Yxy(31.9466, 0.3208, 0.3169)

Have a look what the booklet for
Yxy(31.9466, 0.3208, 0.3169)
contains.

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Color

Yxy(31.9285, 0.3215, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	A5959D
RGB	165, 149, 157
RGB Percent	65%, 58%, 62%
CMY	0.3529, 0.4157, 0.3844
CMYK	0.00, 0.10, 0.05, 0.35
HSL	330°, 8%, 62%
HSV	330°, 10%, 65%
XYZ	32.3511, 31.9285, 36.3460
YIQ	154.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

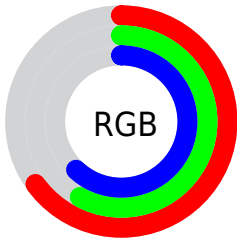
Format	Color
RYB	165, 149, 157
Decimal	10851741
CIELab	63.28, 7.36, -2.04
CIELCh	63, 7.641, 344.500
Yxy	31.9285, 0.3215, 0.3173
Android (android.graphics.Color)	4289041821 (0xFFA5959D)
YUV	154.6960, 1.1359, 9.0366
Hunter-Lab	56.5053, 3.3128, 1.4166

Details

The Yxy color **31.9285, 0.3215, 0.3173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7415, 0.3047, 0.3410**, and the grayscale version is **32.6305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6810, 0.3193, 0.3190**, and **13.2867, 0.3239, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **26.7996, 0.3324, 0.3046**, and if you desaturate by 10%, it is **37.8192, 0.3125, 0.3293**.

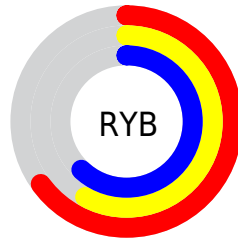
Distribution



Red (65%)

Green (58%)

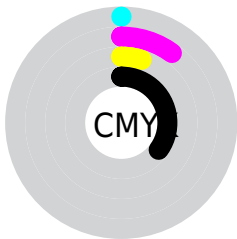
Blue (62%)



Red (65%)

Yellow (58%)

Blue (62%)

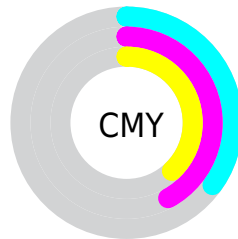


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (35%)



Cyan (35%)


Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9285, 0.3215, 0.3173 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 31.9285, 0.3215, 0.3173 by changing the saturation by 10% instead.


 31.9285, 0.3215,
0.3173


 31.9285, 0.3215,
0.3173


310.7934, 0.3169,
0.3235

 21.3069, 0.3227,
0.3156


 62.6990, 0.3197,
0.3196

 13.3485, 0.3244,
0.3134


 83.6166, 0.3191,
0.3205

 7.6690, 0.3267,
0.3104


108.7351, 0.3186,
0.3212

 3.8839, 0.3302,
0.3058

138.4388, 0.3181,
0.3218

 1.6088, 0.3360,
0.2982

173.1121, 0.3177,
0.3223

 0.3635, 0.3680,
0.2547

213.1393, 0.3174,

 0.0000, 0.0000,

0.3227

0.0000

258.9050, 0.3171,
0.3231

■ 31.9285, 0.3215,
0.3173

■ 31.9285, 0.3215,
0.3173

■ 26.7996, 0.3324,
0.3046

■ 37.8192, 0.3125,
0.3293

■ 22.3971, 0.3453,
0.2915

■ 44.4969, 0.3050,
0.3406

■ 18.6887, 0.3607,
0.2785

■ 51.9911, 0.2988,
0.3510

■ 15.6382, 0.3786,
0.2662

■ 60.3282, 0.2937,
0.3606

■ 13.2063, 0.3990,
0.2555

■ 69.5335, 0.2894,
0.3694

■ 11.3491, 0.4217,
0.2476

■ 79.6314, 0.2859,
0.3775

■ 10.0171, 0.4458,
0.2436

■ 84.4249, 0.2822,
0.3749

■ 9.1522, 0.4702,
0.2446

■ 84.8614, 0.2781,
0.3651

■ 8.6276, 0.4942,
0.2499

■ 85.3198, 0.2740,
0.3554

Harmonies

Analogous

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



31.9285, 0.3093, 0.3105



31.9285, 0.3215, 0.3173



31.9285, 0.3315, 0.3271

Triad

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



31.9285, 0.3215, 0.3173



31.9285, 0.3272, 0.3501



31.9285, 0.2896, 0.3197

Complementary

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



31.9285, 0.3215, 0.3173



35.7415, 0.3047, 0.3410

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.



31.9285, 0.2942, 0.3305



31.9285, 0.3215, 0.3173



31.9285, 0.3158, 0.3484

Square

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



31.9285, 0.3215, 0.3173



31.9285, 0.3348, 0.3460



31.9285, 0.3038, 0.3412



31.9285, 0.2910, 0.3117

Rectangle

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



31.9285, 0.3215, 0.3173



31.9285, 0.3355, 0.3342



31.9285, 0.3038, 0.3412



31.9285, 0.2905, 0.3232

Sweetspot

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



31.9299, 0.3215, 0.3173



64.0298, 0.3153, 0.3254



31.3814, 0.3058, 0.3052



13.8148, 0.3160, 0.3245



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.



31.9299, 0.3215, 0.3173



54.7361, 0.3240, 0.3142



31.6663, 0.3293, 0.3291



7.1420, 0.3211, 0.3179



6.5247, 0.4927, 0.2488



0.1466, 0.4160, 0.2065

Inverse Universe

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



31.9299, 0.3215, 0.3173



54.7361, 0.3240, 0.3142



36.0230, 0.2981, 0.3290



7.1420, 0.3211, 0.3179



6.5247, 0.4927, 0.2488



0.1466, 0.4160, 0.2065

Previews

White Background



This preview shows how the Yxy color 31.9285, 0.3215, 0.3173 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 31.9285, 0.3215, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

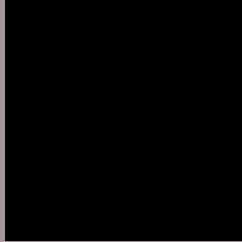
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9285, 0.3215, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 31.9285, 0.3215, 0.3173.



This preview shows how white text looks on a background with the Yxy color 31.9285, 0.3215, 0.3173.

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

31.9285, 0.3215, 0.3173

Protanopia

31.8297, 0.3082, 0.3184

Deuteranopia

32.0362, 0.3225, 0.3173



Tritanopia

31.7172, 0.3187, 0.3114

Trichromacy



Original Color

31.9285, 0.3215, 0.3173

Protanomaly

31.8709, 0.3132, 0.3185

Deuteranomaly

32.0362, 0.3225, 0.3173

Tritanomaly

31.6823, 0.3196, 0.3129

Monochromacy



Original Color

31.9285, 0.3215, 0.3173

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.5537, 0.3159, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9285, 0.3215, 0.3173 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, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 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(165, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 157) }
```

Border

The CSS property to change the border of an element to Yxy 31.9285, 0.3215, 0.3173 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, 149, 157) }
```

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

```
.border{ border-color:rgb(165, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9285, 0.3215, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 157) }
```

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

```
.background{ background-color: rgb(165,  
149, 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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