

Converting Colors

$Yxy(31.8995, 0.3364, 0.3362)$

Have a look what the booklet for
Yxy(31.8995, 0.3364, 0.3362)
contains.

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Color

Yxy(31.8641, 0.3365, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	A89591
RGB	168, 149, 145
RGB Percent	66%, 58%, 57%
CMY	0.3412, 0.4157, 0.4314
CMYK	0.00, 0.11, 0.14, 0.34
HSL	10°, 12%, 61%
HSV	10°, 14%, 66%
XYZ	32.0068, 31.8641, 31.2458
YIQ	154.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

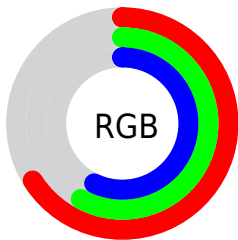
Format	Color
R_{YB}	168, 150, 145
Decimal	11048337
CIE Lab	63.23, 6.35, 4.69
CIE LCh	63, 7.891, 36.422
Yxy	31.8641, 0.3365, 0.3350
Android (android.graphics.Color)	4289238417 (0xFFA89591)
YUV	154.2250, -4.5479, 12.0807
Hunter-Lab	56.4483, 2.4269, 6.6950

Details

The Yxy color **31.8641, 0.3365, 0.3350** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3932, 0.2921, 0.3229**, and the grayscale version is **32.4357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5234, 0.3313, 0.3336**, and **13.2746, 0.3445, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **27.2545, 0.3582, 0.3397**, and if you desaturate by 10%, it is **37.0758, 0.3185, 0.3306**.

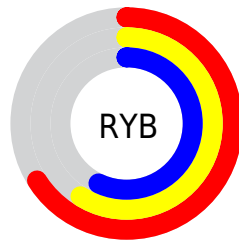
Distribution



Red (66%)

Green (58%)

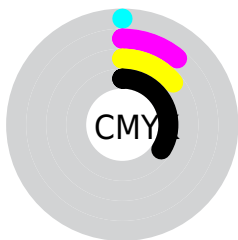
Blue (57%)



Red (66%)

Yellow (59%)

Blue (57%)

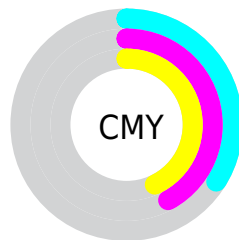


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (34%)



Cyan (34%)


Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.8641, 0.3365, 0.3350 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 31.8641, 0.3365, 0.3350 by changing the saturation by 10% instead.


 31.8641, 0.3365,
0.3350

 31.8641, 0.3365,
0.3350


310.4997, 0.3238,
0.3319

 21.2577, 0.3400,
0.3358


 62.5980, 0.3317,
0.3339

 13.3125, 0.3446,
0.3368


 83.4943, 0.3299,
0.3334

 7.6441, 0.3512,
0.3382


108.5893, 0.3285,
0.3331

 3.8681, 0.3612,
0.3402

138.2675, 0.3272,
0.3328

 1.6000, 0.3780,
0.3432

172.9133, 0.3262,
0.3325

 0.3576, 0.5413,
0.3911

212.9109, 0.3253,

 0.0000, 0.0000,

0.3323

0.0000

258.6450, 0.3245,
0.3321

■ 31.8641, 0.3365,
0.3350

■ 31.8641, 0.3365,
0.3350

■ 27.2545, 0.3582,
0.3397

■ 37.0758, 0.3185,
0.3306

■ 23.2211, 0.3844,
0.3445

■ 42.9060, 0.3037,
0.3265

■ 19.7425, 0.4156,
0.3492

■ 49.3754, 0.2914,
0.3227

■ 16.7941, 0.4517,
0.3532

■ 56.5029, 0.2812,
0.3193

■ 14.3497, 0.4919,
0.3559

■ 64.3062, 0.2727,
0.3162

■ 12.3806, 0.5338,
0.3564

■ 72.8027, 0.2655,
0.3134

■ 10.8553, 0.5733,
0.3540

■ 81.5102, 0.2630,
0.3190

■ 9.7382, 0.6051,
0.3486

■ 87.0655, 0.2642,
0.3289

■ 9.2198, 0.6211,
0.3450

Harmonies

Analogous

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



31.8641, 0.3298, 0.3241



31.8641, 0.3365, 0.3350



31.8641, 0.3367, 0.3446

Triad

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



31.8641, 0.3365, 0.3350



31.8641, 0.3067, 0.3441



31.8641, 0.2952, 0.3082

Complementary

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



31.8641, 0.3365, 0.3350



35.3932, 0.2921, 0.3229

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.



31.8641, 0.2893, 0.3129



31.8641, 0.3365, 0.3350



31.8641, 0.2958, 0.3337

Square

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



31.8641, 0.3365, 0.3350



31.8641, 0.3193, 0.3502



31.8641, 0.2895, 0.3222



31.8641, 0.3058, 0.3088

Rectangle

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



31.8641, 0.3365, 0.3350



31.8641, 0.3331, 0.3489



31.8641, 0.2895, 0.3222



31.8641, 0.2926, 0.3092

Sweetspot

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



31.8655, 0.3365, 0.3350



66.9024, 0.3191, 0.3307



31.2588, 0.3180, 0.3013



14.4239, 0.3204, 0.3310



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.8655, 0.3365, 0.3350



55.5482, 0.3417, 0.3362



35.6268, 0.3342, 0.3514



7.7461, 0.3281, 0.3330



7.0168, 0.6197, 0.3462



0.2302, 0.5661, 0.3887

Inverse Universe

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



35.3932, 0.2921, 0.3229



63.0247, 0.2883, 0.3217



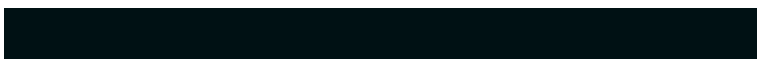
31.5173, 0.2916, 0.3056



8.3060, 0.2987, 0.3250



16.0769, 0.2093, 0.2733



0.4479, 0.2149, 0.2936

Previews

White Background



This preview shows how the Yxy color 31.8641, 0.3365, 0.3350 looks on a white background.

Color Contrast Check

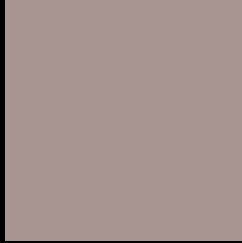
Large Text (above 18pt) WCAG AA × Fail

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 31.8641, 0.3365, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

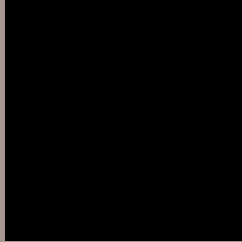
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.8641, 0.3365, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 31.8641, 0.3365, 0.3350.



This preview shows how white text looks on a background with the Yxy color 31.8641, 0.3365, 0.3350.

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

31.8641, 0.3365, 0.3350

Protanopia

31.7312, 0.3225, 0.3366

Deuteranopia

31.8821, 0.3399, 0.3335



Tritanopia

31.8821, 0.3259, 0.3131

Trichromacy



Original Color

31.8641, 0.3365, 0.3350

Protanomaly

31.7856, 0.3278, 0.3366

Deuteranomaly

31.7702, 0.3388, 0.3335

Tritanomaly

31.9147, 0.3297, 0.3218

Monochromacy



Original Color

31.8641, 0.3365, 0.3350

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.0618, 0.3207, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8641, 0.3365, 0.3350 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(168, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(168, 149, 145)  
}
```

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(168, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 149, 145) }
```

Border

The CSS property to change the border of an element to Yxy 31.8641, 0.3365, 0.3350 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(168, 149, 145) }
```

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

```
.border{ border-color:rgb(168, 149, 145) }
```

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

Here you see how a box with a 4 pixel rgb(168, 149, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(168, 149,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8641, 0.3365, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 149, 145) }
```

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

```
.background{ background-color: rgb(168,  
149, 145) }
```

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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