

Converting Colors

$Yxy(31.8141, 0.3623, 0.3965)$

Have a look what the booklet for
Yxy(31.8141, 0.3623, 0.3965)
contains.

Yxy(31.8141, 0.3623, 0.3965)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.8141, 0.3623, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	A19A6E
RGB	161, 154, 110
RGB Percent	63%, 60%, 43%
CMY	0.3685, 0.3961, 0.5687
CMYK	0.00, 0.04, 0.32, 0.37
HSL	52°, 21%, 53%
HSV	52°, 32%, 63%
XYZ	29.0700, 31.8141, 19.3532
YIQ	151.0770, 18.2960, -12.2000

Conversions

Conversions Part 2

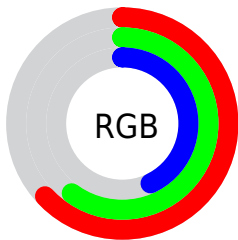
Format	Color
RYB	118, 161, 110
Decimal	10590830
CIELab	63.19, -4.45, 24.08
CIELCh	63, 24.491, 100.479
Yxy	31.8141, 0.3623, 0.3965
Android (android.graphics.Color)	4288780910 (0xFFA19A6E)
YUV	151.0770, -20.2510, 8.7025
Hunter-Lab	56.4040, -6.7101, 19.1393

Details

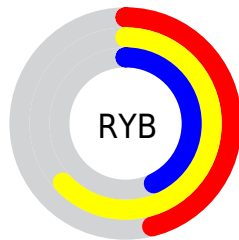
The Yxy color **31.8141, 0.3623, 0.3965** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6093, 0.2593, 0.2510**, and the grayscale version is **31.0655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3193, 0.3523, 0.3826**, and **13.2995, 0.3780, 0.4180** is the 20% darker color. If you saturate the color by 10%, you get **30.7718, 0.3786, 0.4175**, and if you desaturate by 10%, it is **32.9365, 0.3460, 0.3749**.

Distribution



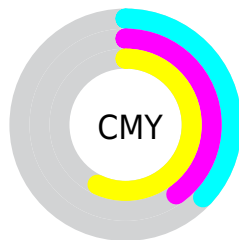
- Red (63%)
- Green (60%)
- Blue (43%)



- Red (46%)
- Yellow (63%)
- Blue (43%)



- Cyan (0%)
- Magenta (4%)
- Yellow (32%)
- Black (37%)





- Cyan (37%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8141, 0.3623, 0.3965 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 31.8141, 0.3623, 0.3965 by changing the saturation by 10% instead.


 31.8141, 0.3623,
0.3965


 31.8141, 0.3623,
0.3965


310.2715, 0.3364,
0.3605


 21.2195, 0.3690,
0.4062


 62.5195, 0.3527,
0.3829


 13.2846, 0.3777,
0.4189


 83.3992, 0.3491,
0.3779

 7.6248, 0.3892,
0.4364


 108.4761, 0.3461,
0.3738

 3.8558, 0.4047,
0.4614

 138.1345, 0.3436,
0.3703

 1.5932, 0.4604,
0.5396

172.7588, 0.3414,
0.3673

 0.3530, 0.3912,
0.6088

212.7335, 0.3395,

 0.0000, 0.0000,

0.3648

0.0000

258.4430, 0.3379,
0.3625

■ 31.8141, 0.3623,
0.3965

■ 31.8141, 0.3623,
0.3965

■ 30.7718, 0.3786,
0.4175

■ 32.9365, 0.3460,
0.3749

■ 29.8017, 0.3945,
0.4369

■ 34.1380, 0.3302,
0.3534

■ 28.9015, 0.4092,
0.4539


■ 35.4230, 0.3152,
0.3325

■ 28.0669, 0.4221,
0.4676

■ 36.7944, 0.3012,
0.3126

■ 27.2929, 0.4326,
0.4772

■ 38.2550, 0.2882,
0.2939

 26.5739, 0.4405,
0.4825

 39.8072, 0.2764,
0.2765

 26.0076, 0.4455,
0.4845

 41.4537, 0.2657,
0.2606

 43.1966, 0.2560,
0.2460

 45.0384, 0.2472,
0.2327

Harmonies

Analogous

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



31.8141, 0.3858, 0.3780



31.8141, 0.3623, 0.3965



31.8141, 0.3262, 0.3960

Triad

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



31.8141, 0.3623, 0.3965



31.8141, 0.2420, 0.3014



31.8141, 0.3349, 0.2896

Complementary

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



31.8141, 0.3623, 0.3965



18.6093, 0.2593, 0.2510

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.



31.8141, 0.2955, 0.2712



31.8141, 0.3623, 0.3965



31.8141, 0.2439, 0.2760

Square

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



31.8141, 0.3623, 0.3965



31.8141, 0.2576, 0.3376



31.8141, 0.2628, 0.2659



31.8141, 0.3700, 0.3173

Rectangle

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



31.8141, 0.3623, 0.3965



31.8141, 0.3003, 0.3834



31.8141, 0.2628, 0.2659



31.8141, 0.3217, 0.2822

Sweetspot

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



31.8155, 0.3623, 0.3965



61.4595, 0.3279, 0.3502



20.0252, 0.3722, 0.3169



13.4144, 0.3299, 0.3529



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.



31.8155, 0.3623, 0.3965



55.6384, 0.3738, 0.4113



32.4757, 0.3408, 0.4112



8.0704, 0.3265, 0.3482



20.8096, 0.4453, 0.4847



0.4801, 0.4346, 0.4931

Inverse Universe

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



18.6093, 0.2593, 0.2510



28.2495, 0.2457, 0.2304



18.2976, 0.2772, 0.2429



7.0098, 0.2987, 0.3090



2.5552, 0.1536, 0.0728



0.0965, 0.1665, 0.1193

Previews

White Background



This preview shows how the Yxy color 31.8141, 0.3623, 0.3965 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 31.8141, 0.3623, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

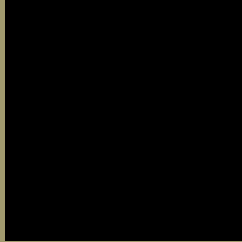
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

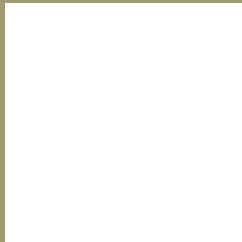
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.8141, 0.3623, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 31.8141, 0.3623, 0.3965.



This preview shows how white text looks on a background with the Yxy color 31.8141, 0.3623, 0.3965.

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

31.8141, 0.3623, 0.3965

Protanopia

31.8859, 0.3680, 0.3955

Deuteranopia

31.8610, 0.3857, 0.3791



Tritanopia

31.8985, 0.3217, 0.3130

Trichromacy



Original Color

31.8141, 0.3623, 0.3965

Protanomaly

31.7791, 0.3669, 0.3958

Deuteranomaly

31.9591, 0.3774, 0.3862

Tritanomaly

31.7351, 0.3371, 0.3425

Monochromacy



Original Color

31.8141, 0.3623, 0.3965

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.2026, 0.3311, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8141, 0.3623, 0.3965 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(161, 154, 110)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 110)  
}
```

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(161, 154, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 110) }
```

Border

The CSS property to change the border of an element to Yxy 31.8141, 0.3623, 0.3965 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(161, 154, 110) }
```

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

```
.border{ border-color:rgb(161, 154, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 110);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8141, 0.3623, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 110) }
```

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

```
.background{ background-color: rgb(161,  
154, 110) }
```

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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