

Converting Colors

$Yxy(31.5773, 0.3438, 0.3638)$

Have a look what the booklet for
Yxy(31.5773, 0.3438, 0.3638)
contains.

Yxy(31.6185, 0.3443, 0.3643)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.6185, 0.3443, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	A19881
RGB	161, 152, 129
RGB Percent	63%, 60%, 51%
CMY	0.3688, 0.4039, 0.4942
CMYK	0.00, 0.06, 0.20, 0.37
HSL	43°, 15%, 57%
HSV	43°, 20%, 63%
XYZ	29.8827, 31.6185, 25.2913
YIQ	152.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

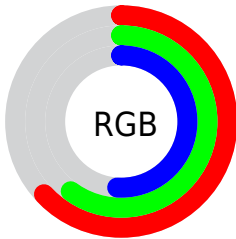
Format	Color
RYB	142, 161, 129
Decimal	10590337
CIELab	63.03, -0.64, 13.31
CIELCh	63, 13.326, 92.764
Yxy	31.6185, 0.3443, 0.3643
Android (android.graphics.Color)	4288780417 (0xFFA19881)
YUV	152.0690, -11.3730, 7.8325
Hunter-Lab	56.2303, -3.5423, 12.6937

Details

The Yxy color **31.6185, 0.3443, 0.3643** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.3964, 0.2814, 0.2910**, and the grayscale version is **31.4751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1189, 0.3379, 0.3568**, and **13.1378, 0.3543, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **29.7902, 0.3621, 0.3828**, and if you desaturate by 10%, it is **33.5726, 0.3277, 0.3462**.

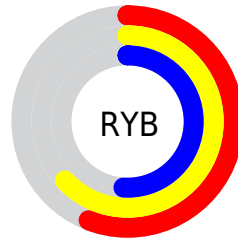
Distribution



Red (63%)

Green (60%)

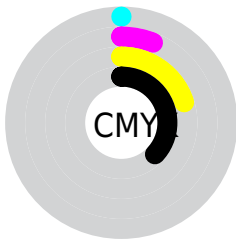
Blue (51%)



Red (56%)

Yellow (63%)

Blue (51%)

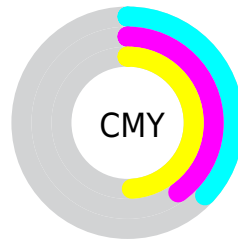


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (37%)



Cyan (37%)


Magenta (40%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6185, 0.3443, 0.3643 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 31.6185, 0.3443, 0.3643 by changing the saturation by 10% instead.


 31.6185, 0.3443,
0.3643


 31.6185, 0.3443,
0.3643


309.3777, 0.3275,
0.3455

 21.0703, 0.3488,
0.3694


 62.2125, 0.3380,
0.3572

 13.1754, 0.3548,
0.3762

 83.0271, 0.3357,
0.3546

 7.5494, 0.3632,
0.3856


 108.0326, 0.3337,
0.3524

 3.8080, 0.3756,
0.3997

137.6135, 0.3321,
0.3506

 1.5668, 0.3992,
0.4266

172.1540, 0.3307,
0.3491

 0.3350, 0.4747,
0.5253

212.0386, 0.3295,

 0.0000, 0.0000,

0.3477

0.0000

257.6517, 0.3285,
0.3465

■ 31.6185, 0.3443,
0.3643

■ 31.6185, 0.3443,
0.3643

■ 29.7902, 0.3621,
0.3828

■ 33.5726, 0.3277,
0.3462

■ 28.0798, 0.3808,
0.4011

■ 35.6518, 0.3125,
0.3288

■ 26.4845, 0.4000,
0.4183

■ 37.8608, 0.2987,
0.3124

■ 25.0001, 0.4190,
0.4336

■ 40.2030, 0.2863,
0.2971

■ 23.6218, 0.4371,
0.4460

■ 42.6813, 0.2751,
0.2829

■ 22.3443, 0.4533,
0.4545

■ 45.2987, 0.2651,
0.2699

■ 21.1615, 0.4670,
0.4583

■ 48.0579, 0.2562,
0.2580

■ 20.0600, 0.4783,
0.4583

■ 50.7829, 0.2496,
0.2498

■ 20.0458, 0.4785,
0.4583

■ 52.7385, 0.2504,
0.2554

Harmonies

Analogous

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



31.6185, 0.3541, 0.3532



31.6185, 0.3443, 0.3643



31.6185, 0.3261, 0.3659

Triad

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



31.6185, 0.3443, 0.3643



31.6185, 0.2746, 0.3194



31.6185, 0.3196, 0.3035

Complementary

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



31.6185, 0.3443, 0.3643



25.3964, 0.2814, 0.2910

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.



31.6185, 0.2984, 0.2948



31.6185, 0.3443, 0.3643



31.6185, 0.2729, 0.3032

Square

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



31.6185, 0.3443, 0.3643



31.6185, 0.2861, 0.3393



31.6185, 0.2815, 0.2945



31.6185, 0.3396, 0.3185

Rectangle

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



31.6185, 0.3443, 0.3643



31.6185, 0.3119, 0.3609



31.6185, 0.2815, 0.2945



31.6185, 0.3124, 0.2998

Sweetspot

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



31.6199, 0.3443, 0.3643



61.5257, 0.3219, 0.3395



25.1065, 0.3403, 0.3150



13.4452, 0.3228, 0.3406



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.



31.6199, 0.3443, 0.3643



55.1255, 0.3523, 0.3728



33.9362, 0.3348, 0.3783



7.9006, 0.3268, 0.3451



16.0884, 0.4779, 0.4588



0.4113, 0.4526, 0.4789

Inverse Universe

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



25.3964, 0.2814, 0.2910



41.8426, 0.2736, 0.2810



23.4958, 0.2877, 0.2769



7.1677, 0.2987, 0.3124



3.6187, 0.1606, 0.0982



0.1516, 0.1801, 0.1684

Previews

White Background



This preview shows how the Yxy color 31.6185, 0.3443, 0.3643 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 31.6185, 0.3443, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

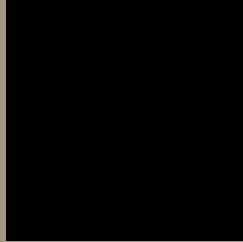
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

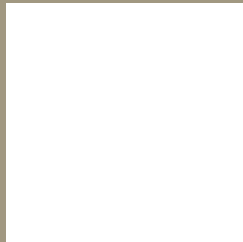
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.6185, 0.3443, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 31.6185, 0.3443, 0.3643.



This preview shows how white text looks on a background with the Yxy color 31.6185, 0.3443, 0.3643.

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

31.6185, 0.3443, 0.3643

Protanopia

31.6185, 0.3443, 0.3643

Deuteranopia

31.5931, 0.3601, 0.3540



Tritanopia

31.6823, 0.3196, 0.3129

Trichromacy



Original Color

31.6185, 0.3443, 0.3643

Protanomaly

31.6185, 0.3443, 0.3643

Deuteranomaly

31.6526, 0.3540, 0.3573

Tritanomaly

31.5255, 0.3293, 0.3305

Monochromacy



Original Color

31.6185, 0.3443, 0.3643

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4387, 0.3233, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6185, 0.3443, 0.3643 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, 152, 129)` looks like.

```
.text, #text, p{  
    color:rgb(161, 152, 129)  
}
```

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, 152, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 152, 129) }
```

Border

The CSS property to change the border of an element to Yxy 31.6185, 0.3443, 0.3643 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, 152, 129) }
```

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

```
.border{ border-color:rgb(161, 152, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 152, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 152, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 152, 129);  
box-shadow:4px 4px 4px 4px rgb(161, 152,  
129) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.6185, 0.3443, 0.3643$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 152, 129) }
```

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

```
.background{ background-color: rgb(161,  
152, 129) }
```

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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