

Converting Colors

$Y_{xy}(29.2607, 0.3801, 0.3970)$

Have a look what the booklet for
Yxy(29.2607, 0.3801, 0.3970)
contains.

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Color

Yxy(29.1897, 0.3801, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	A59165
RGB	165, 145, 101
RGB Percent	65%, 57%, 40%
CMY	0.3528, 0.4314, 0.6039
CMYK	0.00, 0.12, 0.39, 0.35
HSL	41°, 26%, 52%
HSV	41°, 39%, 65%
XYZ	27.9965, 29.1897, 16.4694
YIQ	145.9640, 26.0440, -9.4440

Conversions

Conversions Part 2

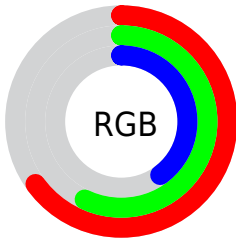
Format	Color
R_{YB}	130, 165, 101
Decimal	10850661
CIE Lab	60.95, 1.00, 26.11
CIE LCh	61, 26.127, 87.799
Yxy	29.1897, 0.3801, 0.3963
Android (android.graphics.Color)	4289040741 (0xFFA59165)
YUV	145.9640, -22.1673, 16.6946
Hunter-Lab	54.0275, -2.0513, 19.7457

Details

The Yxy color $29.1897, 0.3801, 0.3963$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.1685, 0.2485, 0.2506$, and the grayscale version is $28.8155, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4860, 0.3668, 0.3837$, and $11.8862, 0.4025, 0.4191$ is the 20% darker color. If you saturate the color by 10%, you get $27.3567, 0.4001, 0.4131$, and if you desaturate by 10%, it is $31.1622, 0.3609, 0.3787$.

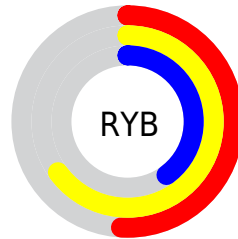
Distribution



Red (65%)

Green (57%)

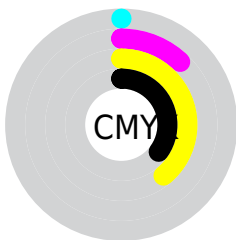
Blue (40%)



Red (51%)

Yellow (65%)

Blue (40%)

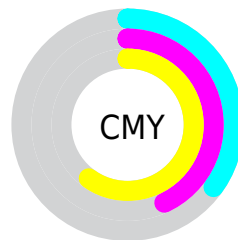


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (35%)



Cyan (35%)


Magenta (43%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1897, 0.3801, 0.3963 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 29.1897, 0.3801, 0.3963 by changing the saturation by 10% instead.


 29.1897, 0.3801,
0.3963


 29.1897, 0.3801,
0.3963


298.1090, 0.3442,
0.3606

 19.2244, 0.3896,
0.4057


 58.3783, 0.3666,
0.3829

 11.8325, 0.4021,
0.4179


 78.3705, 0.3616,
0.3780

 6.6297, 0.4188,
0.4342


 102.4736, 0.3575,
0.3739

 3.2316, 0.4432,
0.4576

 131.0722, 0.3540,
0.3704

 1.2538, 0.4938,
0.5062

164.5507, 0.3510,
0.3675

 0.1050, 0.5421,
0.4579

203.2933, 0.3484,

 0.0000, 0.0000,

0.3649

0.0000

247.6846, 0.3462,
0.3626

■ 29.1897, 0.3801,
0.3963

■ 29.1897, 0.3801,
0.3963

■ 27.3567, 0.4001,
0.4131

■ 31.1622, 0.3609,
0.3787

■ 25.6542, 0.4202,
0.4281

■ 33.2745, 0.3428,
0.3609

■ 24.0783, 0.4397,
0.4402

■ 35.5324, 0.3261,
0.3436

■ 22.6231, 0.4575,
0.4485

■ 37.9397, 0.3110,
0.3271

■ 21.2818, 0.4728,
0.4522

■ 40.5003, 0.2973,
0.3115

■ 20.0425, 0.4856,
0.4516

■ 43.2178, 0.2850,
0.2970

■ 19.8991, 0.4871,
0.4514

■ 46.0956, 0.2741,
0.2837

■ 49.1372, 0.2643,
0.2714

■ 52.3457, 0.2556,
0.2601

Harmonies

Analogous

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



29.1897, 0.3974, 0.3696



29.1897, 0.3801, 0.3963



29.1897, 0.3450, 0.4061

Triad

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



29.1897, 0.3801, 0.3963



29.1897, 0.2405, 0.3142



29.1897, 0.3184, 0.2761

Complementary

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



29.1897, 0.3801, 0.3963



19.1685, 0.2485, 0.2506

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.



29.1897, 0.2771, 0.2617



29.1897, 0.3801, 0.3963



29.1897, 0.2344, 0.2805

Square

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



29.1897, 0.3801, 0.3963



29.1897, 0.2647, 0.3562



29.1897, 0.2473, 0.2626



29.1897, 0.3608, 0.3024

Rectangle

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



29.1897, 0.3801, 0.3963



29.1897, 0.3168, 0.3992



29.1897, 0.2473, 0.2626



29.1897, 0.3039, 0.2697

Sweetspot

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



29.1911, 0.3801, 0.3963



62.1961, 0.3317, 0.3495



18.6970, 0.3760, 0.2973



13.4896, 0.3337, 0.3516



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.



29.1911, 0.3801, 0.3963



49.2707, 0.3982, 0.4116



34.6630, 0.3574, 0.4272



7.8615, 0.3269, 0.3444



15.1392, 0.4863, 0.4521



0.3965, 0.4571, 0.4753

Inverse Universe

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



19.1685, 0.2485, 0.2506



28.6720, 0.2323, 0.2283



15.5179, 0.2553, 0.2174



7.2049, 0.2987, 0.3131



3.9695, 0.1628, 0.1060



0.1645, 0.1829, 0.1784

Previews

White Background



This preview shows how the Yxy color 29.1897, 0.3801, 0.3963 looks on a white background.

Color Contrast Check

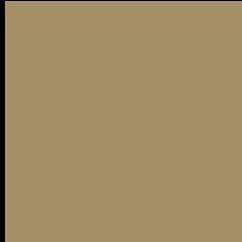
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1897, 0.3801, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

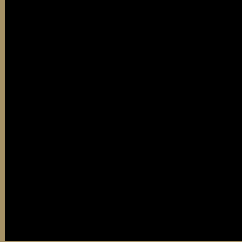
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1897, 0.3801, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 29.1897, 0.3801, 0.3963.



This preview shows how white text looks on a background with the Yxy color 29.1897, 0.3801, 0.3963.

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

29.1897, 0.3801, 0.3963

Protanopia

29.1977, 0.3711, 0.3994

Deuteranopia

29.2392, 0.3940, 0.3862



Tritanopia

29.2133, 0.3354, 0.3129

Trichromacy



Original Color

29.1897, 0.3801, 0.3963

Protanomaly

29.0941, 0.3739, 0.3974

Deuteranomaly

29.0760, 0.3888, 0.3887

Tritanomaly

29.0405, 0.3521, 0.3427

Monochromacy



Original Color

29.1897, 0.3801, 0.3963

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.9418, 0.3361, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1897, 0.3801, 0.3963 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, 145, 101)` looks like.

```
.text, #text, p{  
    color:rgb(165, 145, 101)  
}
```

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, 145, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 145, 101) }
```

Border

The CSS property to change the border of an element to Yxy 29.1897, 0.3801, 0.3963 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, 145, 101) }
```

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

```
.border{ border-color:rgb(165, 145, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 145, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 145, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 145, 101);  
box-shadow:4px 4px 4px 4px rgb(165, 145,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1897, 0.3801, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 145, 101) }
```

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

```
.background{ background-color: rgb(165,  
145, 101) }
```

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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