

Converting Colors

$Yxy(30.0578, 0.3887, 0.3595)$

Have a look what the booklet for
Yxy(30.0578, 0.3887, 0.3595)
contains.

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Color

Yxy(30.0639, 0.3889, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	B98B75
RGB	185, 139, 117
RGB Percent	73%, 55%, 46%
CMY	0.2745, 0.4549, 0.5411
CMYK	0.00, 0.25, 0.37, 0.27
HSL	19°, 33%, 59%
HSV	19°, 37%, 73%
XYZ	32.4503, 30.0639, 20.9271
YIQ	150.2460, 34.4780, 2.9100

Conversions

Conversions Part 2

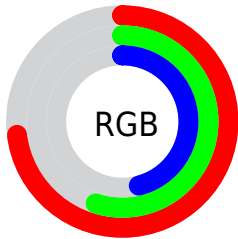
Format	Color
RYB	185, 150, 117
Decimal	12159861
CIELab	61.71, 14.51, 18.56
CIElCh	62, 23.558, 51.994
Yxy	30.0639, 0.3889, 0.3603
Android (android.graphics.Color)	4290349941 (0xFFB98B75)
YUV	150.2460, -16.3903, 30.4793
Hunter-Lab	54.8306, 9.6880, 15.7523

Details

The Yxy color **30.0639, 0.3889, 0.3603** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4803, 0.2572, 0.2950**, and the grayscale version is **30.6702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8817, 0.3730, 0.3554**, and **12.3203, 0.4141, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **26.2529, 0.4180, 0.3688**, and if you desaturate by 10%, it is **34.3786, 0.3636, 0.3515**.

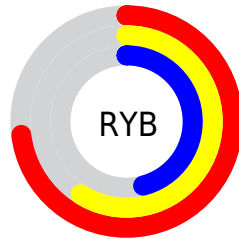
Distribution



Red (73%)

Green (55%)

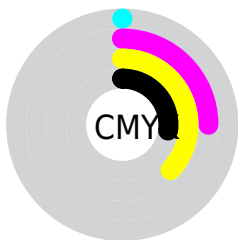
Blue (46%)



Red (73%)

Yellow (59%)

Blue (46%)

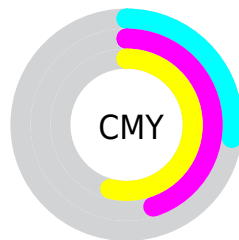


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0639, 0.3889, 0.3603 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 30.0639, 0.3889, 0.3603 by changing the saturation by 10% instead.


 30.0639, 0.3889,
0.3603


 30.0639, 0.3889,
0.3603


302.2022, 0.3477,
0.3447


 19.8871, 0.4002,
0.3640


 59.7632, 0.3732,
0.3547

 12.3130, 0.4153,
0.3686


 80.0545, 0.3675,
0.3526

 6.9572, 0.4365,
0.3743


 104.4861, 0.3628,
0.3508

 3.4354, 0.4678,
0.3809

133.4424, 0.3588,
0.3492

 1.3630, 0.5530,
0.4125

167.3077, 0.3555,
0.3479

 0.1892, 0.7383,
0.2617

206.4666, 0.3525,

 0.0000, 0.0000,

0.3467

0.0000

251.3032, 0.3500,
0.3456

■ 30.0639, 0.3889,
0.3603

■ 30.0639, 0.3889,
0.3603

■ 26.2529, 0.4180,
0.3688

■ 34.3786, 0.3636,
0.3515

■ 22.9224, 0.4506,
0.3760

■ 39.2108, 0.3419,
0.3427

■ 20.0534, 0.4857,
0.3811

■ 44.5787, 0.3235,
0.3343

■ 17.6241, 0.5213,
0.3827


■ 50.4988, 0.3079,
0.3265

■ 15.6103, 0.5544,
0.3798

■ 56.9863, 0.2947,
0.3193


 13.9842, 0.5820,
0.3722

 64.0563, 0.2835,
0.3127

 13.5289, 0.5903,
0.3695

 71.7230, 0.2740,
0.3067

 79.3386, 0.2709,
0.3116

 86.9269, 0.2722,
0.3253

Harmonies

Analogous

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



30.0639, 0.3783, 0.3293



30.0639, 0.3889, 0.3603



30.0639, 0.3776, 0.3858

Triad

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



30.0639, 0.3889, 0.3603



30.0639, 0.2757, 0.3602



30.0639, 0.2747, 0.2673

Complementary

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



30.0639, 0.3889, 0.3603



33.4803, 0.2572, 0.2950

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.



30.0639, 0.2504, 0.2714



30.0639, 0.3889, 0.3603



30.0639, 0.2509, 0.3231

Square

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



30.0639, 0.3889, 0.3603



30.0639, 0.3113, 0.3886



30.0639, 0.2420, 0.2908



30.0639, 0.3104, 0.2778

Rectangle

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



30.0639, 0.3889, 0.3603



30.0639, 0.3598, 0.3956



30.0639, 0.2420, 0.2908



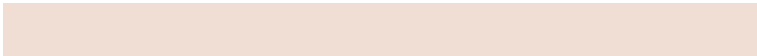
30.0639, 0.2650, 0.2670

Sweetspot

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



30.0653, 0.3889, 0.3603



75.4636, 0.3313, 0.3380



25.7009, 0.3411, 0.2655



15.9908, 0.3338, 0.3391



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.0653, 0.3889, 0.3603



48.3358, 0.4118, 0.3671



41.3050, 0.3726, 0.4042



9.4740, 0.3280, 0.3365



9.3319, 0.5880, 0.3713



0.4446, 0.5366, 0.4122

Inverse Universe

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



33.4803, 0.2572, 0.2950



55.3017, 0.2460, 0.2862



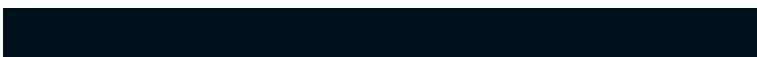
23.1125, 0.2495, 0.2402



9.7075, 0.2985, 0.3214



12.5348, 0.1948, 0.2212



0.5490, 0.2034, 0.2523

Previews

White Background



This preview shows how the Yxy color 30.0639, 0.3889, 0.3603 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 30.0639, 0.3889, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

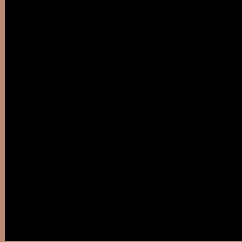
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0639, 0.3889, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 30.0639, 0.3889, 0.3603.



This preview shows how white text looks on a background with the Yxy color 30.0639, 0.3889, 0.3603.

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

30.0639, 0.3889, 0.3603

Protanopia

30.1691, 0.3490, 0.3712

Deuteranopia

30.0198, 0.3767, 0.3689



Tritanopia

30.0636, 0.3620, 0.3153

Trichromacy



Original Color

30.0639, 0.3889, 0.3603

Protanomaly

29.9317, 0.3636, 0.3669

Deuteranomaly

30.1907, 0.3817, 0.3668

Tritanomaly

29.9224, 0.3720, 0.3306

Monochromacy



Original Color

30.0639, 0.3889, 0.3603

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.1793, 0.3389, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0639, 0.3889, 0.3603 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(185, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(185, 139, 117)  
}
```

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(185, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 139, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.0639, 0.3889, 0.3603 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(185, 139, 117) }
```

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

```
.border{ border-color:rgb(185, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 139, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 139, 117); box-shadow:4px 4px 4px 4px rgb(185, 139, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0639, 0.3889, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 139, 117) }
```

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

```
.background{ background-color: rgb(185,  
139, 117) }
```

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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