

Converting Colors

$Yxy(30.4495, 0.3735, 0.3383)$

Have a look what the booklet for
Yxy(30.4495, 0.3735, 0.3383)
contains.

Yxy(30.5703, 0.3731, 0.3390)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.5703, 0.3731, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	BA8B84
RGB	186, 139, 132
RGB Percent	73%, 55%, 52%
CMY	0.2706, 0.4549, 0.4823
CMYK	0.00, 0.25, 0.29, 0.27
HSL	8°, 28%, 62%
HSV	8°, 29%, 73%
XYZ	33.6454, 30.5703, 25.9622
YIQ	152.2550, 30.2590, 7.7870

Conversions

Conversions Part 2

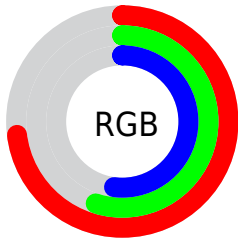
Format	Color
R _Y B	186, 140, 132
Decimal	12225412
CIE Lab	62.14, 16.87, 10.71
CIE LCh	62, 19.986, 32.404
Yxy	30.5703, 0.3731, 0.3390
Android (android.graphics.Color)	4290415492 (0xFFBA8B84)
YUV	152.2550, -9.9857, 29.5944
Hunter-Lab	55.2904, 11.8627, 10.8630

Details

The Yxy color **30.5703, 0.3731, 0.3390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6881, 0.2702, 0.3187**, and the grayscale version is **31.5503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6974, 0.3606, 0.3378**, and **12.6748, 0.3940, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **25.7606, 0.4031, 0.3426**, and if you desaturate by 10%, it is **36.1678, 0.3483, 0.3354**.

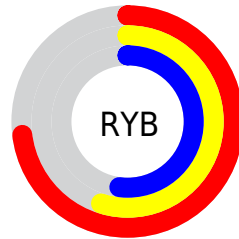
Distribution



Red (73%)

Green (55%)

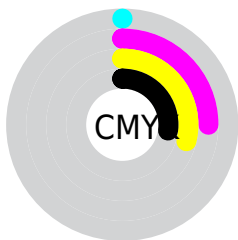
Blue (52%)



Red (73%)

Yellow (55%)

Blue (52%)

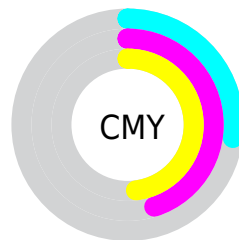


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5703, 0.3731, 0.3390 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 30.5703, 0.3731, 0.3390 by changing the saturation by 10% instead.

 30.5703, 0.3731,
0.3390

 30.5703, 0.3731,
0.3390


304.5538, 0.3405,
0.3343


 20.2719, 0.3821,
0.3400


 60.5629, 0.3606,
0.3374

 12.5928, 0.3942,
0.3411


 81.0259, 0.3561,
0.3368

 7.1488, 0.4114,
0.3423


 105.6458, 0.3524,
0.3362

 3.5553, 0.4374,
0.3433

134.8071, 0.3493,
0.3358

 1.4281, 0.4835,
0.3442

168.8942, 0.3466,
0.3353

 0.2373, 0.7287,
0.2713

208.2914, 0.3443,

 0.0000, 0.0000,

0.3350

0.0000

253.3831, 0.3423,
0.3346

■ 30.5703, 0.3731,
0.3390

■ 30.5703, 0.3731,
0.3390

■ 25.7606, 0.4031,
0.3426

■ 36.1678, 0.3483,
0.3354

■ 21.6993, 0.4387,
0.3458

■ 42.5818, 0.3279,
0.3319

■ 18.3498, 0.4793,
0.3483

■ 49.8449, 0.3112,
0.3287

■ 15.6709, 0.5229,
0.3492

■ 57.9865, 0.2976,
0.3257

■ 13.6170, 0.5655,
0.3480

■ 67.0346, 0.2864,
0.3231

■ 12.1368, 0.6015,
0.3444

■ 77.0162, 0.2771,
0.3206

■ 11.1665, 0.6266,
0.3393

■ 87.4839, 0.2728,
0.3260

■ 11.0949, 0.6287,
0.3390

■ 89.1773, 0.2731,
0.3289

Harmonies

Analogous

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



30.5703, 0.3532, 0.3127



30.5703, 0.3731, 0.3390



30.5703, 0.3757, 0.3644

Triad

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



30.5703, 0.3731, 0.3390



30.5703, 0.3007, 0.3721



30.5703, 0.2656, 0.2773

Complementary

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



30.5703, 0.3731, 0.3390



40.6881, 0.2702, 0.3187

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.



30.5703, 0.2533, 0.2897



30.5703, 0.3731, 0.3390



30.5703, 0.2728, 0.3448

Square

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



30.5703, 0.3731, 0.3390



30.5703, 0.3329, 0.3859



30.5703, 0.2558, 0.3140



30.5703, 0.2904, 0.2781

Rectangle

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



30.5703, 0.3731, 0.3390



30.5703, 0.3674, 0.3775



30.5703, 0.2558, 0.3140



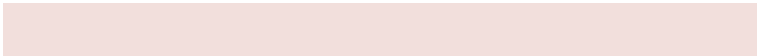
30.5703, 0.2599, 0.2800

Sweetspot

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



30.5717, 0.3731, 0.3390



77.0340, 0.3281, 0.3320



30.2266, 0.3224, 0.2655



16.5690, 0.3309, 0.3325



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



30.5717, 0.3731, 0.3390



49.5437, 0.3922, 0.3414



39.1213, 0.3631, 0.3746



9.1948, 0.3285, 0.3320



7.5290, 0.6271, 0.3403



0.3265, 0.5894, 0.3702

Inverse Universe

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



40.6881, 0.2702, 0.3187



70.9390, 0.2616, 0.3161



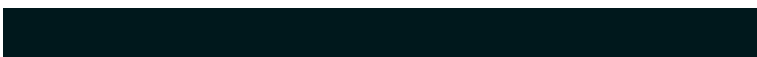
31.1370, 0.2660, 0.2786



10.0067, 0.2985, 0.3260



19.8223, 0.2134, 0.2881



0.7546, 0.2166, 0.2996

Previews

White Background



This preview shows how the Yxy color 30.5703, 0.3731, 0.3390 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 30.5703, 0.3731, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

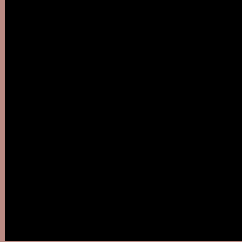
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5703, 0.3731, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 30.5703, 0.3731, 0.3390.



This preview shows how white text looks on a background with the Yxy color 30.5703, 0.3731, 0.3390.

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

30.5703, 0.3731, 0.3390

Protanopia

30.7156, 0.3305, 0.3476

Deuteranopia

30.6601, 0.3564, 0.3498



Tritanopia

30.6893, 0.3591, 0.3153

Trichromacy



Original Color

30.5703, 0.3731, 0.3390

Protanomaly

30.5508, 0.3453, 0.3441

Deuteranomaly

30.6307, 0.3627, 0.3466

Tritanomaly

30.6947, 0.3633, 0.3236

Monochromacy



Original Color

30.5703, 0.3731, 0.3390

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8043, 0.3326, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5703, 0.3731, 0.3390 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(186, 139, 132)` looks like.

```
.text, #text, p{  
    color:rgb(186, 139, 132)  
}
```

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(186, 139, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 139, 132) }
```

Border

The CSS property to change the border of an element to Yxy 30.5703, 0.3731, 0.3390 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(186, 139, 132) }
```

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

```
.border{ border-color:rgb(186, 139, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 139, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 139, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 139, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 139,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5703, 0.3731, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 139, 132) }
```

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

```
.background{ background-color: rgb(186,  
139, 132) }
```

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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