

Converting Colors

$Yxy(30.9467, 0.3901, 0.3526)$

Have a look what the booklet for
Yxy(30.9467, 0.3901, 0.3526)
contains.

Yxy(30.9467, 0.3901, 0.3526)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9467, 0.3901, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	BF8B7A
RGB	191, 139, 122
RGB Percent	75%, 55%, 48%
CMY	0.2508, 0.4549, 0.5215
CMYK	0.00, 0.27, 0.36, 0.25
HSL	15°, 35%, 61%
HSV	15°, 36%, 75%
XYZ	34.2380, 30.9467, 22.5825
YIQ	152.6100, 36.4490, 5.7370

Conversions

Conversions Part 2

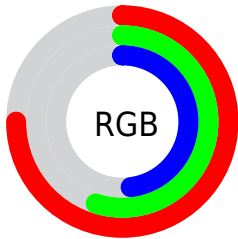
Format	Color
RYB	191, 145, 122
Decimal	12553082
CIELab	62.46, 17.56, 16.89
CIElCh	62, 24.368, 43.891
Yxy	30.9467, 0.3901, 0.3526
Android (android.graphics.Color)	4290743162 (0xFFBF8B7A)
YUV	152.6100, -15.0907, 33.6680
Hunter-Lab	55.6298, 12.5078, 14.8725

Details

The Yxy color **30.9467, 0.3901, 0.3526** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1929, 0.2591, 0.3037**, and the grayscale version is **31.7333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3357, 0.3747, 0.3494**, and **12.8600, 0.4171, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **26.6207, 0.4211, 0.3591**, and if you desaturate by 10%, it is **35.9183, 0.3636, 0.3458**.

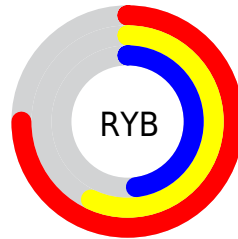
Distribution



Red (75%)

Green (55%)

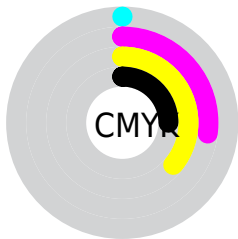
Blue (48%)



Red (75%)

Yellow (57%)

Blue (48%)

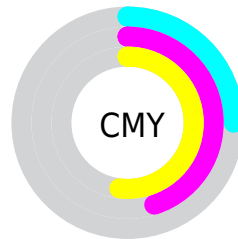


Cyan (0%)

Magenta (27%)

Yellow (36%)

Black (25%)



Cyan (25%)


Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9467, 0.3901, 0.3526 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 30.9467, 0.3901, 0.3526 by changing the saturation by 10% instead.


 30.9467, 0.3901,
0.3526

 30.9467, 0.3901,
0.3526


306.2927, 0.3484,
0.3412

 20.5583, 0.4015,
0.3552


 61.1561, 0.3742,
0.3486

 12.8015, 0.4168,
0.3583


 81.7459, 0.3685,
0.3471

 7.2920, 0.4381,
0.3618


 106.5050, 0.3637,
0.3457

 3.6454, 0.4698,
0.3655

135.8177, 0.3597,
0.3446

 1.4772, 0.5384,
0.3792

170.0684, 0.3562,
0.3436

 0.2726, 0.7161,
0.2839

209.6415, 0.3533,

 0.0000, 0.0000,

0.3427

0.0000

254.9215, 0.3507,
0.3419

■ 30.9467, 0.3901,
0.3526

■ 30.9467, 0.3901,
0.3526

■ 26.6207, 0.4211,
0.3591

■ 35.9183, 0.3636,
0.3458

■ 22.9090, 0.4564,
0.3645

■ 41.5562, 0.3413,
0.3391

■ 19.7844, 0.4949,
0.3680


■ 47.8858, 0.3226,
0.3327

■ 17.2158, 0.5341,
0.3685


■ 54.9296, 0.3070,
0.3268


■ 15.1687, 0.5703,
0.3651


■ 62.7092, 0.2940,
0.3213


 13.6041, 0.5992,
0.3577

 71.2453, 0.2831,
0.3163

 13.1140, 0.6089,
0.3547

 80.5106, 0.2743,
0.3126

 89.3214, 0.2757,
0.3281

 89.8209, 0.2757,
0.3289

Harmonies

Analogous

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



30.9467, 0.3734, 0.3207



30.9467, 0.3901, 0.3526



30.9467, 0.3843, 0.3810

Triad

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



30.9467, 0.3901, 0.3526



30.9467, 0.2839, 0.3704



30.9467, 0.2657, 0.2655

Complementary

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



30.9467, 0.3901, 0.3526



38.1929, 0.2591, 0.3037

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.



30.9467, 0.2449, 0.2738



30.9467, 0.3901, 0.3526



30.9467, 0.2548, 0.3332

Square

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



30.9467, 0.3901, 0.3526



30.9467, 0.3218, 0.3949



30.9467, 0.2411, 0.2976



30.9467, 0.2997, 0.2724

Rectangle

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



30.9467, 0.3901, 0.3526



30.9467, 0.3691, 0.3941



30.9467, 0.2411, 0.2976



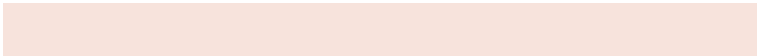
30.9467, 0.2570, 0.2665

Sweetspot

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



30.9482, 0.3901, 0.3526



79.8610, 0.3316, 0.3359



28.0935, 0.3341, 0.2594



17.1981, 0.3342, 0.3368



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.9482, 0.3901, 0.3526



49.4560, 0.4131, 0.3575



42.2303, 0.3742, 0.3963



9.9075, 0.3282, 0.3347



8.7236, 0.6066, 0.3565



0.4486, 0.5586, 0.3947

Inverse Universe

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



38.1929, 0.2591, 0.3037



64.2077, 0.2490, 0.2976



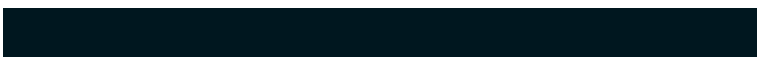
26.7782, 0.2518, 0.2509



10.4010, 0.2985, 0.3232



15.7138, 0.2023, 0.2484



0.7125, 0.2083, 0.2699

Previews

White Background



This preview shows how the Yxy color 30.9467, 0.3901, 0.3526 looks on a white background.

Color Contrast Check

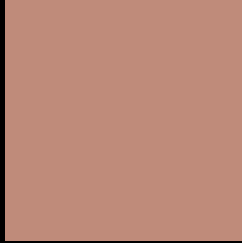
Large Text (above 18pt) WCAG AA × Fail

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 30.9467, 0.3901, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

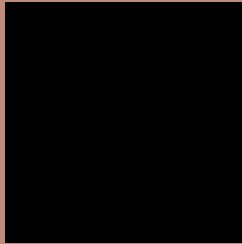
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9467, 0.3901, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 30.9467, 0.3901, 0.3526.



This preview shows how white text looks on a background with the Yxy color 30.9467, 0.3901, 0.3526.

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

30.9467, 0.3901, 0.3526

Protanopia

31.0627, 0.3434, 0.3646

Deuteranopia

30.8614, 0.3715, 0.3642



Tritanopia

31.0211, 0.3661, 0.3156

Trichromacy



Original Color

30.9467, 0.3901, 0.3526

Protanomaly

31.0317, 0.3599, 0.3603

Deuteranomaly

30.8492, 0.3780, 0.3607

Tritanomaly

30.9039, 0.3749, 0.3292

Monochromacy



Original Color

30.9467, 0.3901, 0.3526

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3483, 0.3387, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9467, 0.3901, 0.3526 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(191, 139, 122)` looks like.

```
.text, #text, p{  
    color:rgb(191, 139, 122)  
}
```

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(191, 139, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 139, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.9467, 0.3901, 0.3526 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(191, 139, 122) }
```

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

```
.border{ border-color:rgb(191, 139, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 139, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 139, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 139, 122);  
box-shadow:4px 4px 4px 4px rgb(191, 139,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9467, 0.3901, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 139, 122) }
```

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

```
.background{ background-color: rgb(191,  
139, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor