

Converting Colors

$Yxy(31.7374, 0.3733, 0.3530)$

Have a look what the booklet for
Yxy(31.7374, 0.3733, 0.3530)
contains.

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Color

Yxy(31.6954, 0.3733, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	B89080
RGB	184, 144, 128
RGB Percent	72%, 56%, 50%
CMY	0.2785, 0.4352, 0.4980
CMYK	0.00, 0.22, 0.30, 0.28
HSL	17°, 28%, 61%
HSV	17°, 30%, 72%
XYZ	33.6324, 31.6954, 24.7671
YIQ	154.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

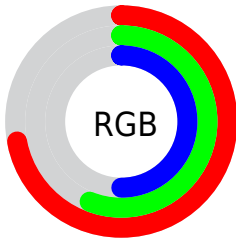
Format	Color
RYB	184, 150, 128
Decimal	12095616
CIELab	63.09, 12.75, 14.28
CIElCh	63, 19.138, 48.241
Yxy	31.6954, 0.3733, 0.3518
Android (android.graphics.Color)	4290285696 (0xFFB89080)
YUV	154.1360, -12.8850, 26.1907
Hunter-Lab	56.2987, 8.1120, 13.3260

Details

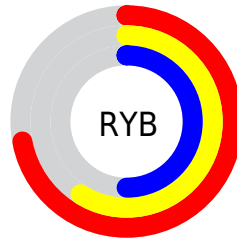
The Yxy color **31.6954, 0.3733, 0.3518** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0403, 0.2669, 0.3049**, and the grayscale version is **32.4259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4251, 0.3609, 0.3476**, and **13.3157, 0.3937, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **27.5050, 0.4008, 0.3596**, and if you desaturate by 10%, it is **36.4395, 0.3499, 0.3440**.

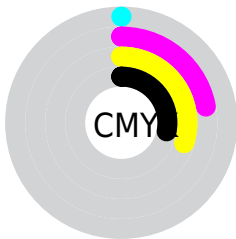
Distribution



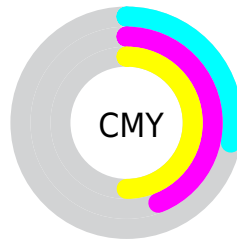
- Red (72%)
- Green (56%)
- Blue (50%)



- Red (72%)
- Yellow (59%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (28%)




- Cyan (28%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6954, 0.3733, 0.3518 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 31.6954, 0.3733, 0.3518 by changing the saturation by 10% instead.


 31.6954, 0.3733,
0.3518


 31.6954, 0.3733,
0.3518


309.7294, 0.3408,
0.3404


 21.1289, 0.3822,
0.3546


 62.3333, 0.3609,
0.3477

 13.2183, 0.3940,
0.3581


 83.1735, 0.3565,
0.3461

 7.5790, 0.4107,
0.3625


 108.2070, 0.3528,
0.3448

 3.8268, 0.4355,
0.3682

137.8184, 0.3496,
0.3437

 1.5771, 0.4816,
0.3790

172.3919, 0.3469,
0.3427

 0.3421, 0.6503,
0.3497

212.3120, 0.3446,

 0.0000, 0.0000,

0.3418

0.0000

257.9630, 0.3426,
0.3411

■ 31.6954, 0.3733,
0.3518

■ 31.6954, 0.3733,
0.3518

■ 27.5050, 0.4008,
0.3596

■ 36.4395, 0.3499,
0.3440

■ 23.8434, 0.4323,
0.3667

■ 41.7523, 0.3300,
0.3364

■ 20.6901, 0.4675,
0.3724

■ 47.6538, 0.3134,
0.3293

■ 18.0217, 0.5047,
0.3756

■ 54.1616, 0.2993,
0.3227

■ 15.8125, 0.5415,
0.3751

■ 61.2925, 0.2875,
0.3167

■ 14.0344, 0.5741,
0.3701

■ 69.0626, 0.2775,
0.3112

■ 12.7003, 0.5995,
0.3622

■ 77.3722, 0.2699,
0.3081

■ 85.2138, 0.2714,
0.3225

■ 88.9274, 0.2721,
0.3289

Harmonies

Analogous

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



31.6954, 0.3627, 0.3266



31.6954, 0.3733, 0.3518



31.6954, 0.3666, 0.3728

Triad

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



31.6954, 0.3733, 0.3518



31.6954, 0.2865, 0.3571



31.6954, 0.2792, 0.2788

Complementary

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



31.6954, 0.3733, 0.3518



36.0403, 0.2669, 0.3049

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.



31.6954, 0.2608, 0.2841



31.6954, 0.3733, 0.3518



31.6954, 0.2648, 0.3284

Square

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



31.6954, 0.3733, 0.3518



31.6954, 0.3158, 0.3778



31.6954, 0.2557, 0.3016



31.6954, 0.3073, 0.2858

Rectangle

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



31.6954, 0.3733, 0.3518



31.6954, 0.3537, 0.3813



31.6954, 0.2557, 0.3016



31.6954, 0.2718, 0.2792

Sweetspot

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



31.6969, 0.3733, 0.3518



77.0135, 0.3277, 0.3355



28.4574, 0.3330, 0.2742



16.2835, 0.3304, 0.3365



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.



31.6969, 0.3733, 0.3518



51.9089, 0.3926, 0.3574



41.1933, 0.3623, 0.3889



9.4195, 0.3281, 0.3356



8.8620, 0.5973, 0.3640



0.4218, 0.5452, 0.4053

Inverse Universe

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



36.0403, 0.2669, 0.3049



61.1128, 0.2566, 0.2982



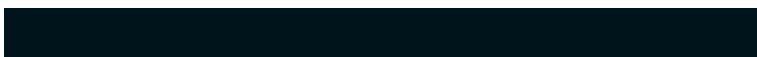
26.8427, 0.2619, 0.2609



9.7647, 0.2985, 0.3223



13.7647, 0.1985, 0.2344



0.5853, 0.2060, 0.2617

Previews

White Background



This preview shows how the Yxy color 31.6954, 0.3733, 0.3518 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 31.6954, 0.3733, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

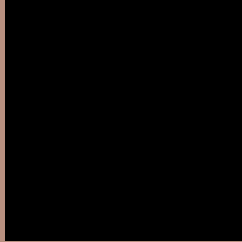
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6954, 0.3733, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 31.6954, 0.3733, 0.3518.



This preview shows how white text looks on a background with the Yxy color 31.6954, 0.3733, 0.3518.

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

31.6954, 0.3733, 0.3518

Protanopia

31.9220, 0.3400, 0.3612

Deuteranopia

31.7469, 0.3655, 0.3581



Tritanopia

31.8489, 0.3525, 0.3153

Trichromacy



Original Color

31.6954, 0.3733, 0.3518

Protanomaly

31.8864, 0.3515, 0.3574

Deuteranomaly

31.7934, 0.3692, 0.3564

Tritanomaly

31.7683, 0.3599, 0.3277

Monochromacy



Original Color

31.6954, 0.3733, 0.3518

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8564, 0.3331, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6954, 0.3733, 0.3518 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(184, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 128)  
}
```

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(184, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 128) }
```

Border

The CSS property to change the border of an element to Yxy 31.6954, 0.3733, 0.3518 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(184, 144, 128) }
```

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

```
.border{ border-color:rgb(184, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 144, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 144, 128); box-shadow:4px 4px 4px 4px rgb(184, 144, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6954, 0.3733, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 128) }
```

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

```
.background{ background-color: rgb(184,  
144, 128) }
```

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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