

Converting Colors

$Yxy(31.3788, 0.3744, 0.3668)$

Have a look what the booklet for
Yxy(31.3788, 0.3744, 0.3668)
contains.

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Color

Yxy(31.3788, 0.3744, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	B29278
RGB	178, 146, 120
RGB Percent	70%, 57%, 47%
CMY	0.3020, 0.4274, 0.5294
CMYK	0.00, 0.18, 0.33, 0.30
HSL	27°, 27%, 58%
HSV	27°, 33%, 70%
XYZ	32.0290, 31.3788, 22.1397
YIQ	152.6040, 27.4180, -1.3020

Conversions

Conversions Part 2

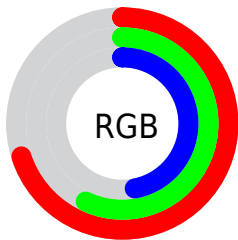
Format	Color
RYB	178, 167, 120
Decimal	11702904
CIELab	62.83, 8.17, 18.30
CIELCh	63, 20.042, 65.935
Yxy	31.3788, 0.3744, 0.3668
Android (android.graphics.Color)	4289892984 (0xFFB29278)
YUV	152.6040, -16.0738, 22.2723
Hunter-Lab	56.0168, 4.0324, 15.7784

Details

The Yxy color **31.3788, 0.3744, 0.3668** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6640, 0.2620, 0.2877**, and the grayscale version is **31.7372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9493, 0.3625, 0.3601**, and **13.1058, 0.3950, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **28.0887, 0.3990, 0.3787**, and if you desaturate by 10%, it is **35.0123, 0.3525, 0.3547**.

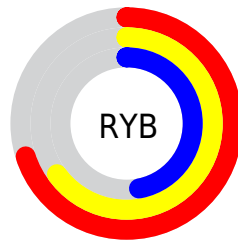
Distribution



Red (70%)

Green (57%)

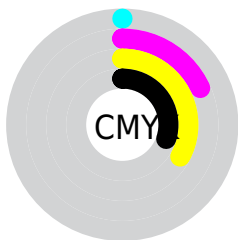
Blue (47%)



Red (70%)

Yellow (65%)

Blue (47%)

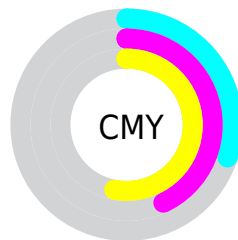


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3788, 0.3744, 0.3668 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 31.3788, 0.3744, 0.3668 by changing the saturation by 10% instead.

 31.3788, 0.3744,
0.3668


 31.3788, 0.3744,
0.3668

308.2797, 0.3414,
0.3473

 20.8875, 0.3833,
0.3717

 61.8360, 0.3619,
0.3596

 13.0418, 0.3953,
0.3781


 82.5706, 0.3573,
0.3570

 7.4573, 0.4118,
0.3865


 107.4884, 0.3536,
0.3547

 3.7497, 0.4361,
0.3977

136.9739, 0.3504,
0.3528

 1.5346, 0.4950,
0.4302

171.4113, 0.3476,
0.3512

 0.3129, 0.6136,
0.3864

211.1852, 0.3453,

 0.0000, 0.0000,

0.3497

0.0000

256.6798, 0.3432,
0.3485

■ 31.3788, 0.3744,
0.3668

■ 31.3788, 0.3744,
0.3668

■ 28.0887, 0.3990,
0.3787

■ 35.0123, 0.3525,
0.3547

■ 25.1265, 0.4262,
0.3897

■ 38.9951, 0.3333,
0.3430

■ 22.4822, 0.4552,
0.3987

■ 43.3386, 0.3166,
0.3318

■ 20.1431, 0.4849,
0.4046

■ 48.0523, 0.3022,
0.3213

■ 18.0957, 0.5134,
0.4062

■ 53.1453, 0.2897,
0.3116


 16.3247, 0.5387,
0.4025

 58.6262, 0.2789,
0.3028

 15.1727, 0.5554,
0.3972

 64.5036, 0.2696,
0.2946

 70.2994, 0.2652,
0.2949

 75.7488, 0.2665,
0.3061

Harmonies

Analogous

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



31.3788, 0.3740, 0.3421



31.3788, 0.3744, 0.3668



31.3788, 0.3576, 0.3832

Triad

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



31.3788, 0.3744, 0.3668



31.3788, 0.2704, 0.3410



31.3788, 0.2940, 0.2793

Complementary

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



31.3788, 0.3744, 0.3668



29.6640, 0.2620, 0.2877

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.



31.3788, 0.2682, 0.2770



31.3788, 0.3744, 0.3668



31.3788, 0.2551, 0.3108

Square

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



31.3788, 0.3744, 0.3668



31.3788, 0.2972, 0.3691



31.3788, 0.2543, 0.2878



31.3788, 0.3263, 0.2933

Rectangle

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



31.3788, 0.3744, 0.3668



31.3788, 0.3394, 0.3862



31.3788, 0.2543, 0.2878



31.3788, 0.2844, 0.2772

Sweetspot

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



31.3803, 0.3744, 0.3668



72.5526, 0.3291, 0.3402



25.1948, 0.3450, 0.2820



15.8382, 0.3315, 0.3418



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



31.3803, 0.3744, 0.3668



52.6100, 0.3916, 0.3753



41.1438, 0.3625, 0.4041



9.1117, 0.3276, 0.3392



10.9786, 0.5535, 0.3987



0.4625, 0.5069, 0.4357

Inverse Universe

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



29.6640, 0.2620, 0.2877



49.0103, 0.2509, 0.2771



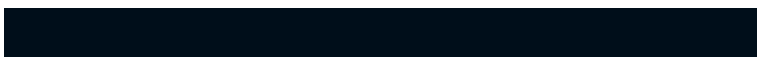
21.5913, 0.2563, 0.2409



8.9814, 0.2985, 0.3185



8.7040, 0.1827, 0.1776



0.3883, 0.1956, 0.2241

Previews

White Background



This preview shows how the Yxy color 31.3788, 0.3744, 0.3668 looks on a white background.

Color Contrast Check

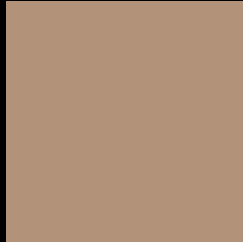
Large Text (above 18pt) WCAG AA × Fail

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 31.3788, 0.3744, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

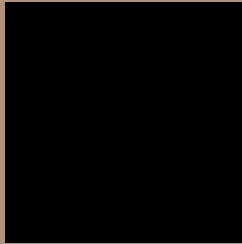
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3788, 0.3744, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 31.3788, 0.3744, 0.3668.



This preview shows how white text looks on a background with the Yxy color 31.3788, 0.3744, 0.3668.

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

31.3788, 0.3744, 0.3668

Protanopia

31.4636, 0.3503, 0.3736

Deuteranopia

31.3788, 0.3744, 0.3668



Tritanopia

31.2618, 0.3460, 0.3137

Trichromacy



Original Color

31.3788, 0.3744, 0.3668

Protanomaly

31.4333, 0.3585, 0.3713

Deuteranomaly

31.3788, 0.3744, 0.3668

Tritanomaly

31.3621, 0.3573, 0.3334

Monochromacy



Original Color

31.3788, 0.3744, 0.3668

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4172, 0.3339, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3788, 0.3744, 0.3668 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(178, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(178, 146, 120)  
}
```

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(178, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 146, 120) }
```

Border

The CSS property to change the border of an element to Yxy 31.3788, 0.3744, 0.3668 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(178, 146, 120) }
```

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

```
.border{ border-color:rgb(178, 146, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(178, 146,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3788, 0.3744, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 146, 120) }
```

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

```
.background{ background-color: rgb(178,  
146, 120) }
```

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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