

Converting Colors

$Y_{xy}(30.2752, 0.3779, 0.3742)$

Have a look what the booklet for
Yxy(30.2752, 0.3779, 0.3742)
contains.

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Color

Yxy(30.1601, 0.3772, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	AE9072
RGB	174, 144, 114
RGB Percent	68%, 56%, 45%
CMY	0.3177, 0.4353, 0.5528
CMYK	0.00, 0.17, 0.34, 0.32
HSL	30°, 27%, 56%
HSV	30°, 34%, 68%
XYZ	30.4670, 30.1601, 20.1444
YIQ	149.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

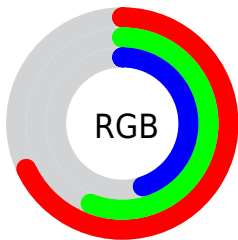
Format	Color
RYB	174, 174, 114
Decimal	11440242
CIELab	61.79, 6.88, 20.16
CIElCh	62, 21.303, 71.161
Yxy	30.1601, 0.3772, 0.3734
Android (android.graphics.Color)	4289630322 (0xFFAE9072)
YUV	149.5500, -17.5261, 21.4427
Hunter-Lab	54.9182, 2.9198, 16.6947

Details

The Yxy color **30.1601, 0.3772, 0.3734** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.5898, 0.2584, 0.2798**, and the grayscale version is **30.3671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9643, 0.3637, 0.3652**, and **12.3918, 0.3979, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **27.2664, 0.4011, 0.3864**, and if you desaturate by 10%, it is **33.3353, 0.3556, 0.3601**.

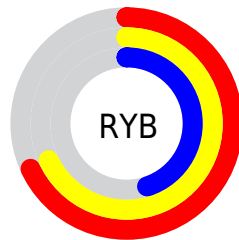
Distribution



Red (68%)

Green (56%)

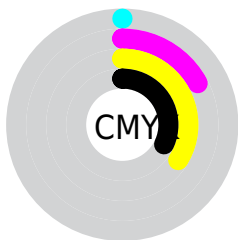
Blue (45%)



Red (68%)

Yellow (68%)

Blue (45%)

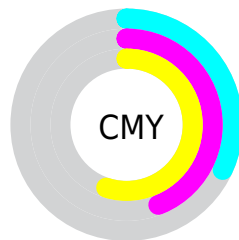


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1601, 0.3772, 0.3734 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 30.1601, 0.3772, 0.3734 by changing the saturation by 10% instead.


 30.1601, 0.3772,
0.3734


 30.1601, 0.3772,
0.3734


302.6500, 0.3426,
0.3503


 19.9601, 0.3866,
0.3793


 59.9153, 0.3640,
0.3649

 12.3661, 0.3992,
0.3870


 80.2393, 0.3593,
0.3617

 6.9935, 0.4165,
0.3971


 104.7068, 0.3553,
0.3590

 3.4580, 0.4420,
0.4107

 133.7021, 0.3520,
0.3568

 1.3753, 0.5270,
0.4690

167.6097, 0.3491,
0.3548

 0.1984, 0.6425,
0.3575

206.8139, 0.3466,

 0.0000, 0.0000,

0.3531

0.0000

251.6993, 0.3445,
0.3516

■ 30.1601, 0.3772,
0.3734

■ 30.1601, 0.3772,
0.3734

■ 27.2664, 0.4011,
0.3864

■ 33.3353, 0.3556,
0.3601

■ 24.6411, 0.4270,
0.3983

■ 36.7961, 0.3364,
0.3469

■ 22.2762, 0.4540,
0.4081

■ 40.5518, 0.3196,
0.3344


■ 20.1615, 0.4811,
0.4144


■ 44.6101, 0.3048,
0.3226

■ 18.2858, 0.5066,
0.4162


■ 48.9782, 0.2919,
0.3116


 16.6364, 0.5287,
0.4126

 53.6631, 0.2807,
0.3015

 15.8092, 0.5401,
0.4093

 58.6716, 0.2709,
0.2923

 64.0103, 0.2624,
0.2838

 68.6374, 0.2627,
0.2921

Harmonies

Analogous

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



30.1601, 0.3803, 0.3478



30.1601, 0.3772, 0.3734



30.1601, 0.3562, 0.3890

Triad

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



30.1601, 0.3772, 0.3734



30.1601, 0.2633, 0.3360



30.1601, 0.2983, 0.2776

Complementary

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



30.1601, 0.3772, 0.3734



26.5898, 0.2584, 0.2798

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.



30.1601, 0.2689, 0.2727



30.1601, 0.3772, 0.3734



30.1601, 0.2496, 0.3042

Square

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



30.1601, 0.3772, 0.3734



30.1601, 0.2902, 0.3678



30.1601, 0.2516, 0.2816



30.1601, 0.3333, 0.2943

Rectangle

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



30.1601, 0.3772, 0.3734



30.1601, 0.3356, 0.3903



30.1601, 0.2516, 0.2816



30.1601, 0.2875, 0.2745

Sweetspot

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



30.1615, 0.3772, 0.3734



69.6007, 0.3289, 0.3415



23.0850, 0.3511, 0.2835



15.2632, 0.3313, 0.3432



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.1615, 0.3772, 0.3734



50.8485, 0.3943, 0.3829



40.1004, 0.3641, 0.4120



8.6518, 0.3274, 0.3404



11.5856, 0.5384, 0.4107



0.4319, 0.4934, 0.4464

Inverse Universe

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



26.5898, 0.2584, 0.2798



43.4251, 0.2468, 0.2674



18.9041, 0.2520, 0.2299



8.3942, 0.2986, 0.3174



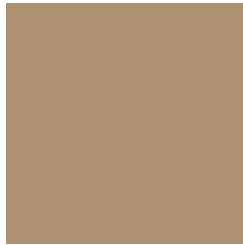
7.2832, 0.1779, 0.1605



0.3122, 0.1933, 0.2160

Previews

White Background



This preview shows how the Yxy color 30.1601, 0.3772, 0.3734 looks on a white background.

Color Contrast Check

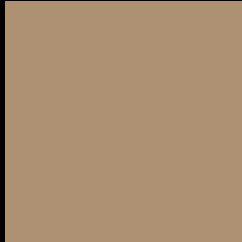
Large Text (above 18pt) WCAG AA × Fail

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 30.1601, 0.3772, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

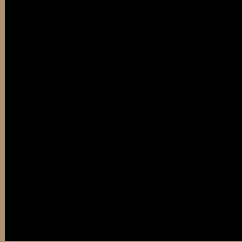
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1601, 0.3772, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 30.1601, 0.3772, 0.3734.



This preview shows how white text looks on a background with the Yxy color 30.1601, 0.3772, 0.3734.

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

30.1601, 0.3772, 0.3734

Protanopia

30.1268, 0.3561, 0.3805

Deuteranopia

30.0899, 0.3800, 0.3717



Tritanopia

30.1322, 0.3442, 0.3134

Trichromacy



Original Color

30.1601, 0.3772, 0.3734

Protanomaly

29.9978, 0.3635, 0.3782

Deuteranomaly

29.9738, 0.3789, 0.3718

Tritanomaly

30.2030, 0.3568, 0.3349

Monochromacy



Original Color

30.1601, 0.3772, 0.3734

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3569, 0.3351, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1601, 0.3772, 0.3734 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(174, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(174, 144, 114)  
}
```

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(174, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 144, 114) }
```

Border

The CSS property to change the border of an element to Yxy 30.1601, 0.3772, 0.3734 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(174, 144, 114) }
```

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

```
.border{ border-color:rgb(174, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(174, 144,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1601, 0.3772, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 144, 114) }
```

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

```
.background{ background-color: rgb(174,  
144, 114) }
```

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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