

Converting Colors

$Y_{xy}(30.5098, 0.3719, 0.3703)$

Have a look what the booklet for
Yxy(30.5098, 0.3719, 0.3703)
contains.

Yxy(30.4194, 0.3724, 0.3706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.4194, 0.3724, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	AD9175
RGB	173, 145, 117
RGB Percent	68%, 57%, 46%
CMY	0.3217, 0.4313, 0.5411
CMYK	0.00, 0.16, 0.32, 0.32
HSL	30°, 25%, 57%
HSV	30°, 32%, 68%
XYZ	30.5671, 30.4194, 21.0949
YIQ	150.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

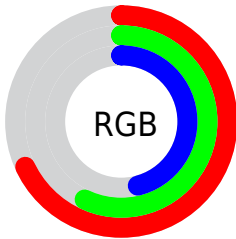
Format	Color
RYB	173, 173, 117
Decimal	11374965
CIELab	62.01, 6.30, 18.78
CIELCh	62, 19.807, 71.468
Yxy	30.4194, 0.3724, 0.3706
Android (android.graphics.Color)	4289565045 (0xFFAD9175)
YUV	150.1800, -16.3577, 20.0131
Hunter-Lab	55.1538, 2.4086, 15.9307

Details

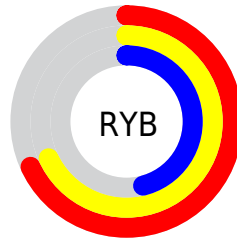
The Yxy color **30.4194, 0.3724, 0.3706** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **27.0456, 0.2619, 0.2833**, and the grayscale version is **30.6427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3694, 0.3602, 0.3630**, and **12.6072, 0.3924, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **27.5082, 0.3958, 0.3838**, and if you desaturate by 10%, it is **33.6097, 0.3513, 0.3573**.

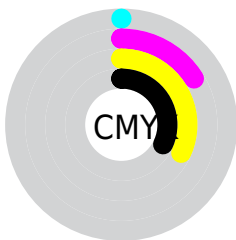
Distribution



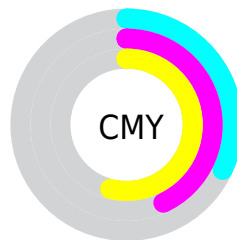
- Red (68%)
- Green (57%)
- Blue (46%)



- Red (68%)
- Yellow (68%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4194, 0.3724, 0.3706 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 30.4194, 0.3724, 0.3706 by changing the saturation by 10% instead.


 30.4194, 0.3724,
0.3706

 30.4194, 0.3724,
0.3706


303.8545, 0.3404,
0.3489

 20.1571, 0.3811,
0.3762


 60.3248, 0.3602,
0.3625

 12.5093, 0.3927,
0.3835


 80.7367, 0.3558,
0.3596

 7.0915, 0.4089,
0.3932


 105.3007, 0.3521,
0.3571

 3.5194, 0.4327,
0.4066

134.4011, 0.3491,
0.3550

 1.4085, 0.5025,
0.4539

168.4222, 0.3464,
0.3531

 0.2230, 0.6212,
0.3788

207.7486, 0.3441,

 0.0000, 0.0000,

0.3515

0.0000

252.7646, 0.3421,
0.3502

■ 30.4194, 0.3724,
0.3706

■ 30.4194, 0.3724,
0.3706

■ 27.5082, 0.3958,
0.3838

■ 33.6097, 0.3513,
0.3573

■ 24.8632, 0.4213,
0.3960

■ 37.0830, 0.3327,
0.3442

■ 22.4768, 0.4482,
0.4063


■ 40.8484, 0.3163,
0.3318


■ 20.3390, 0.4753,
0.4135


■ 44.9134, 0.3019,
0.3202

■ 18.4392, 0.5012,
0.4163

■ 49.2850, 0.2894,
0.3094

 16.7651, 0.5242,
0.4139

 53.9701, 0.2785,
0.2995

 15.6224, 0.5399,
0.4095

 58.9753, 0.2690,
0.2904

 64.2812, 0.2609,
0.2825

 68.7785, 0.2622,
0.2926

Harmonies

Analogous

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



30.4194, 0.3754, 0.3469



30.4194, 0.3724, 0.3706



30.4194, 0.3529, 0.3847

Triad

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



30.4194, 0.3724, 0.3706



30.4194, 0.2666, 0.3353



30.4194, 0.2997, 0.2812

Complementary

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



30.4194, 0.3724, 0.3706



27.0456, 0.2619, 0.2833

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.



30.4194, 0.2722, 0.2766



30.4194, 0.3724, 0.3706



30.4194, 0.2539, 0.3059

Square

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



30.4194, 0.3724, 0.3706



30.4194, 0.2916, 0.3646



30.4194, 0.2559, 0.2849



30.4194, 0.3322, 0.2969

Rectangle

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



30.4194, 0.3724, 0.3706



30.4194, 0.3337, 0.3856



30.4194, 0.2559, 0.2849



30.4194, 0.2896, 0.2783

Sweetspot

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



30.4208, 0.3724, 0.3706



67.8554, 0.3289, 0.3415



23.6527, 0.3492, 0.2878



14.5531, 0.3312, 0.3432



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.4208, 0.3724, 0.3706



50.6248, 0.3893, 0.3803



40.0457, 0.3606, 0.4081



8.6524, 0.3274, 0.3404



11.5943, 0.5383, 0.4108



0.4321, 0.4934, 0.4465

Inverse Universe

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



27.0456, 0.2619, 0.2833



43.6061, 0.2501, 0.2709



19.5260, 0.2561, 0.2354



8.3937, 0.2986, 0.3174



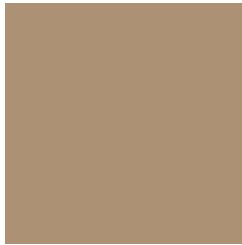
7.2745, 0.1779, 0.1603



0.3119, 0.1933, 0.2159

Previews

White Background



This preview shows how the Yxy color 30.4194, 0.3724, 0.3706 looks on a white background.

Color Contrast Check

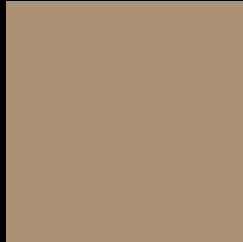
Large Text (above 18pt) WCAG AA × Fail

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 30.4194, 0.3724, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

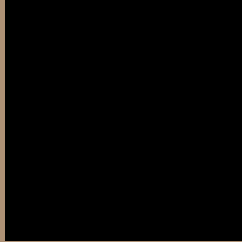
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4194, 0.3724, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 30.4194, 0.3724, 0.3706.



This preview shows how white text looks on a background with the Yxy color 30.4194, 0.3724, 0.3706.

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

30.4194, 0.3724, 0.3706

Protanopia

30.5155, 0.3528, 0.3773

Deuteranopia

30.4610, 0.3763, 0.3687



Tritanopia

30.3376, 0.3418, 0.3133

Trichromacy



Original Color

30.4194, 0.3724, 0.3706

Protanomaly

30.3803, 0.3600, 0.3750

Deuteranomaly

30.3448, 0.3752, 0.3689

Tritanomaly

30.4402, 0.3532, 0.3335

Monochromacy



Original Color

30.4194, 0.3724, 0.3706

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2839, 0.3330, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4194, 0.3724, 0.3706 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(173, 145, 117)` looks like.

```
.text, #text, p{  
    color:rgb(173, 145, 117)  
}
```

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(173, 145, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.4194, 0.3724, 0.3706 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(173, 145, 117) }
```

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

```
.border{ border-color:rgb(173, 145, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 145, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 117);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4194, 0.3724, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 117) }
```

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

```
.background{ background-color: rgb(173,  
145, 117) }
```

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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