

Converting Colors

$Yxy(30.3779, 0.3431, 0.3977)$

Have a look what the booklet for
Yxy(30.3779, 0.3431, 0.3977)
contains.

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Color

Yxy(30.3008, 0.3430, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	919A70
RGB	145, 154, 112
RGB Percent	57%, 60%, 44%
CMY	0.4313, 0.3961, 0.5607
CMYK	0.06, 0.00, 0.27, 0.40
HSL	73°, 17%, 52%
HSV	73°, 27%, 60%
XYZ	26.1595, 30.3008, 19.8065
YIQ	146.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

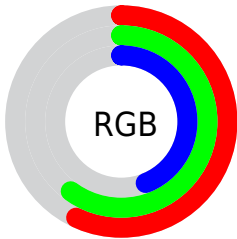
Format	Color
RYB	112, 154, 121
Decimal	9542256
CIELab	61.91, -10.59, 21.01
CIELCh	62, 23.531, 116.758
Yxy	30.3008, 0.3430, 0.3973
Android (android.graphics.Color)	4287732336 (0xFF919A70)
YUV	146.5210, -17.0189, -1.3339
Hunter-Lab	55.0462, -11.5025, 17.1988

Details

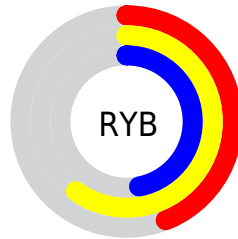
The Yxy color **30.3008, 0.3430, 0.3973** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9936, 0.2767, 0.2551**, and the grayscale version is **29.0405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9342, 0.3371, 0.3826**, and **12.4503, 0.3517, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **29.6924, 0.3536, 0.4234**, and if you desaturate by 10%, it is **30.9792, 0.3319, 0.3714**.

Distribution



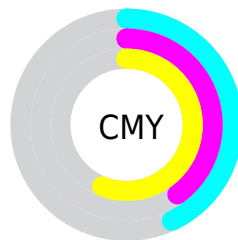
- Red (57%)
- Green (60%)
- Blue (44%)



- Red (44%)
- Yellow (60%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.3008, 0.3430, 0.3973 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 30.3008, 0.3430, 0.3973 by changing the saturation by 10% instead.


 30.3008, 0.3430,
0.3973

 30.3008, 0.3430,
0.3973


 303.3040, 0.3273,
0.3600

 20.0670, 0.3470,
0.4077


 60.1376, 0.3372,
0.3829


 12.4438, 0.3520,
0.4219


 80.5093, 0.3351,
0.3778


 7.0467, 0.3586,
0.4419


 105.0292, 0.3333,
0.3735

 3.4913, 0.3671,
0.4722

 134.0816, 0.3317,
0.3700

 1.3933, 0.4189,
0.5811

 168.0508, 0.3304,
0.3669

 0.2118, 0.0000,
1.0000

 207.3214, 0.3293,

 0.0000, 0.0000,

0.3643

0.0000

252.2777, 0.3282,
0.3620

■ 30.3008, 0.3430,
0.3973

■ 30.3008, 0.3430,
0.3973

■ 29.6924, 0.3536,
0.4234

■ 30.9792, 0.3319,
0.3714

■ 29.1470, 0.3633,
0.4487

■ 31.7266, 0.3207,
0.3464

■ 28.6627, 0.3715,
0.4724

■ 32.5468, 0.3097,
0.3226

■ 28.2356, 0.3778,
0.4933


■ 33.4424, 0.2992,
0.3005

■ 27.8619, 0.3819,
0.5105


■ 34.4159, 0.2892,
0.2801

 27.5366, 0.3834,
0.5235


 35.4694, 0.2799,
0.2614

 27.2519, 0.3827,
0.5323

 36.6052, 0.2713,
0.2445

 27.1769, 0.3824,
0.5346

 37.8253, 0.2633,
0.2291

 39.1318, 0.2560,
0.2153

Harmonies

Analogous

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



30.3008, 0.3737, 0.3886



30.3008, 0.3430, 0.3973



30.3008, 0.3053, 0.3850

Triad

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



30.3008, 0.3430, 0.3973



30.3008, 0.2424, 0.2869



30.3008, 0.3543, 0.3043

Complementary

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



30.3008, 0.3430, 0.3973



17.9936, 0.2767, 0.2551

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.



30.3008, 0.3166, 0.2808



30.3008, 0.3430, 0.3973



30.3008, 0.2535, 0.2699

Square

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



30.3008, 0.3430, 0.3973



30.3008, 0.2485, 0.3174



30.3008, 0.2799, 0.2683



30.3008, 0.3812, 0.3343

Rectangle

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



30.3008, 0.3430, 0.3973



30.3008, 0.2815, 0.3660



30.3008, 0.2799, 0.2683



30.3008, 0.3424, 0.2955

Sweetspot

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



30.3021, 0.3430, 0.3973



57.5058, 0.3217, 0.3486



21.5750, 0.3661, 0.3431



12.9707, 0.3233, 0.3521



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.3021, 0.3430, 0.3973



54.3231, 0.3499, 0.4140



28.6129, 0.3216, 0.4021



7.1561, 0.3229, 0.3512



22.1576, 0.3827, 0.5343



0.3461, 0.4002, 0.5205

Inverse Universe

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



17.9936, 0.2767, 0.2551



27.9678, 0.2665, 0.2352



19.6259, 0.3006, 0.2600



6.0869, 0.3020, 0.3062



2.1775, 0.1627, 0.0670



0.0460, 0.1997, 0.0874

Previews

White Background



This preview shows how the Yxy color 30.3008, 0.3430, 0.3973 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 30.3008, 0.3430, 0.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

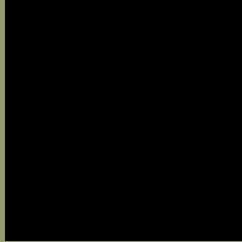
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

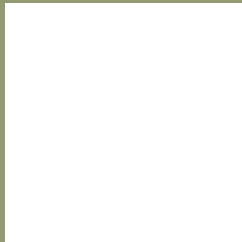
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.3008, 0.3430, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 30.3008, 0.3430, 0.3973.



This preview shows how white text looks on a background with the Yxy color 30.3008, 0.3430, 0.3973.

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

30.3008, 0.3430, 0.3973

Protanopia

30.0943, 0.3633, 0.3896

Deuteranopia

30.0899, 0.3800, 0.3717



Tritanopia

30.2623, 0.3054, 0.3121

Trichromacy



Original Color

30.3008, 0.3430, 0.3973

Protanomaly

30.2495, 0.3559, 0.3922

Deuteranomaly

30.0590, 0.3667, 0.3810

Tritanomaly

30.1552, 0.3193, 0.3416

Monochromacy



Original Color

30.3008, 0.3430, 0.3973

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.6449, 0.3239, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3008, 0.3430, 0.3973 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(145, 154, 112)` looks like.

```
.text, #text, p{  
    color:rgb(145, 154, 112)  
}
```

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(145, 154, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 154, 112) }
```

Border

The CSS property to change the border of an element to Yxy 30.3008, 0.3430, 0.3973 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(145, 154, 112) }
```

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

```
.border{ border-color:rgb(145, 154, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 154, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 154, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 154, 112);  
box-shadow:4px 4px 4px 4px rgb(145, 154,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3008, 0.3430, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 154, 112) }
```

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

```
.background{ background-color: rgb(145,  
154, 112) }
```

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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