

Converting Colors

$Yxy(40.2394, 0.3372, 0.3962)$

Have a look what the booklet for
Yxy(40.2394, 0.3372, 0.3962)
contains.

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Color

Yxy(40.2394, 0.3372, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	A1B082
RGB	161, 176, 130
RGB Percent	63%, 69%, 51%
CMY	0.3687, 0.3098, 0.4902
CMYK	0.09, 0.00, 0.26, 0.31
HSL	80°, 23%, 60%
HSV	80°, 26%, 69%
XYZ	34.2472, 40.2394, 27.0768
YIQ	166.2710, 5.8260, -17.4860

Conversions

Conversions Part 2

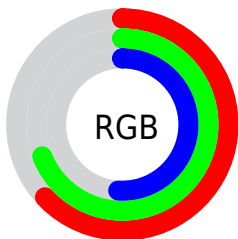
Format	Color
RYB	130, 176, 145
Decimal	10596482
CIELab	69.64, -13.34, 21.89
CIElCh	70, 25.632, 121.369
Yxy	40.2394, 0.3372, 0.3962
Android (android.graphics.Color)	4288786562 (0xFFA1B082)
YUV	166.2710, -17.8816, -4.6227
Hunter-Lab	63.4345, -14.6415, 19.0965

Details

The Yxy color $40.2394, 0.3372, 0.3962$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $25.1204, 0.2832, 0.2587$, and the grayscale version is $38.3553, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.7311, 0.3329, 0.3836$, and $17.9963, 0.3441, 0.4174$ is the 20% darker color. If you saturate the color by 10%, you get $39.2243, 0.3460, 0.4237$, and if you desaturate by 10%, it is $41.3664, 0.3279, 0.3694$.

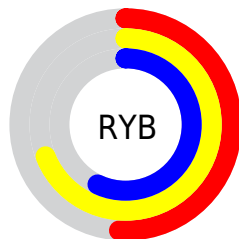
Distribution



Red (63%)

Green (69%)

Blue (51%)



Red (51%)

Yellow (69%)

Blue (57%)

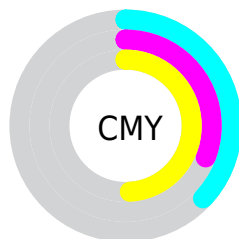


Cyan (9%)

Magenta (0%)

Yellow (26%)

Black (31%)



Cyan (37%)


Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2394, 0.3372, 0.3962 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 40.2394, 0.3372, 0.3962 by changing the saturation by 10% instead.


 40.2394, 0.3372,
0.3962


 40.2394, 0.3372,
0.3962


347.1316, 0.3252,
0.3609

 27.7253, 0.3400,
0.4055


 75.5279, 0.3330,
0.3830

 18.1187, 0.3435,
0.4178


 99.0711, 0.3313,
0.3782

 11.0352, 0.3479,
0.4346


 127.0594, 0.3299,
0.3741

 6.0905, 0.3532,
0.4588

159.8772, 0.3287,
0.3707

 2.9002, 0.3596,
0.4969

197.9089, 0.3277,
0.3677

 1.0799, 0.3894,
0.6106

241.5390, 0.3268,

 0.0000, 0.0000,

0.3652

0.0000

291.1517, 0.3260,
0.3629

■ 40.2394, 0.3372,
0.3962

■ 40.2394, 0.3372,
0.3962

■ 39.2243, 0.3460,
0.4237

■ 41.3664, 0.3279,
0.3694

■ 38.3113, 0.3538,
0.4509

■ 42.6041, 0.3185,
0.3439

■ 37.4974, 0.3603,
0.4769


■ 43.9584, 0.3092,
0.3200

■ 36.7772, 0.3648,
0.5005


■ 45.4328, 0.3002,
0.2980

■ 36.1447, 0.3670,
0.5204


■ 47.0309, 0.2917,
0.2780

 35.5932, 0.3668,
0.5358


 48.7562, 0.2837,
0.2598

 35.1136, 0.3643,
0.5464

 50.6118, 0.2763,
0.2435

 34.9410, 0.3630,
0.5500

 51.5409, 0.2794,
0.2428

 52.3848, 0.2837,
0.2438

Harmonies

Analogous

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



40.2394, 0.3694, 0.3906



40.2394, 0.3372, 0.3962



40.2394, 0.2997, 0.3808

Triad

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



40.2394, 0.3372, 0.3962



40.2394, 0.2436, 0.2837



40.2394, 0.3590, 0.3089

Complementary

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



40.2394, 0.3372, 0.3962



25.1204, 0.2832, 0.2587

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.



40.2394, 0.3226, 0.2842



40.2394, 0.3372, 0.3962



40.2394, 0.2571, 0.2692

Square

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



40.2394, 0.3372, 0.3962



40.2394, 0.2471, 0.3122



40.2394, 0.2853, 0.2699



40.2394, 0.3831, 0.3391

Rectangle

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



40.2394, 0.3372, 0.3962



40.2394, 0.2768, 0.3605



40.2394, 0.2853, 0.2699



40.2394, 0.3477, 0.2997

Sweetspot

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



40.2412, 0.3372, 0.3962



76.7932, 0.3203, 0.3488



30.9608, 0.3621, 0.3504



16.5688, 0.3217, 0.3526



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.



40.2412, 0.3372, 0.3962



71.9534, 0.3420, 0.4110



38.1071, 0.3166, 0.4007



9.7647, 0.3215, 0.3518



25.6653, 0.3636, 0.5495



0.8375, 0.3797, 0.5367

Inverse Universe

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



25.1204, 0.2832, 0.2587



40.1579, 0.2758, 0.2424



27.3759, 0.3067, 0.2634



8.3606, 0.3034, 0.3058



2.9783, 0.1750, 0.0738



0.1262, 0.2084, 0.0922

Previews

White Background



This preview shows how the Yxy color 40.2394, 0.3372, 0.3962 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 40.2394, 0.3372, 0.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

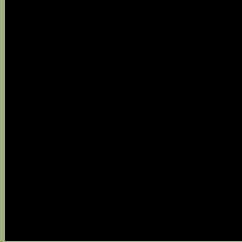
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2394, 0.3372, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 40.2394, 0.3372, 0.3962.



This preview shows how white text looks on a background with the Yxy color 40.2394, 0.3372, 0.3962.

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

40.2394, 0.3372, 0.3962

Protanopia

40.2268, 0.3620, 0.3883

Deuteranopia

40.0300, 0.3762, 0.3683



Tritanopia

40.0782, 0.3011, 0.3112

Trichromacy



Original Color

40.2394, 0.3372, 0.3962

Protanomaly

40.0622, 0.3525, 0.3912

Deuteranomaly

39.9855, 0.3612, 0.3783

Tritanomaly

40.1487, 0.3139, 0.3417

Monochromacy



Original Color

40.2394, 0.3372, 0.3962

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.9419, 0.3217, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2394, 0.3372, 0.3962 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(161, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(161, 176, 130)  
}
```

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(161, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 176, 130) }
```

Border

The CSS property to change the border of an element to Yxy 40.2394, 0.3372, 0.3962 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(161, 176, 130) }
```

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

```
.border{ border-color:rgb(161, 176, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 176, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(161, 176,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2394, 0.3372, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 176, 130) }
```

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

```
.background{ background-color: rgb(161,  
176, 130) }
```

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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