

Converting Colors

$Y_{xy}(42.1170, 0.3444, 0.3781)$

Have a look what the booklet for
Yxy(42.1170, 0.3444, 0.3781)
contains.

| | |
|--|----|
| Yxy(41.9005, 0.3442, 0.3775) | 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(41.9005, 0.3442, 0.3775)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1AF8C |
| RGB | 177, 175, 140 |
| RGB Percent | 69%, 69%, 55% |
| CMY | 0.3057, 0.3138, 0.4509 |
| CMYK | 0.00, 0.01, 0.21, 0.31 |
| HSL | 57°, 19%, 62% |
| HSV | 57°, 21%, 69% |
| XYZ | 38.2044, 41.9005, 30.8898 |
| YIQ | 171.6080, 12.4270, -10.4610 |

Conversions

Conversions Part 2

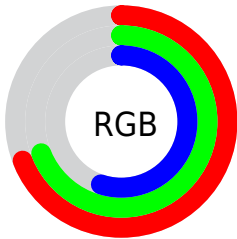
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 142, 177, 140 |
| Decimal | 11644812 |
| CIELab | 70.80, -5.15, 18.24 |
| CIELCh | 71, 18.955, 105.753 |
| Yxy | 41.9005, 0.3442, 0.3775 |
| Android (android.graphics.Color) | 4289834892 (0xFFB1AF8C) |
| YUV | 171.6080, -15.5827, 4.7288 |
| Hunter-Lab | 64.7306, -7.9268, 17.0179 |

Details

The Yxy color **41.9005, 0.3442, 0.3775** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1220, 0.2785, 0.2754**, and the grayscale version is **41.1266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8123, 0.3383, 0.3675**, and **19.1892, 0.3526, 0.3924** is the 20% darker color. If you saturate the color by 10%, you get **41.0389, 0.3597, 0.4010**, and if you desaturate by 10%, it is **42.8527, 0.3289, 0.3540**.

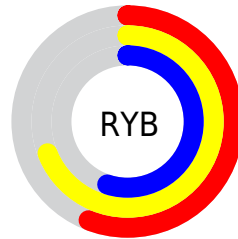
Distribution



Red (69%)

Green (69%)

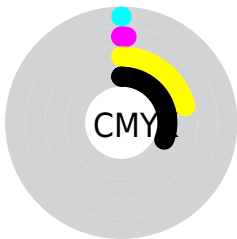
Blue (55%)



Red (56%)

Yellow (69%)

Blue (55%)

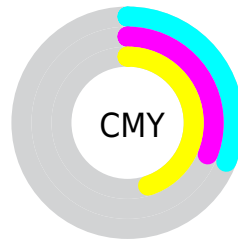


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (31%)



Cyan (31%)


Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9005, 0.3442, 0.3775 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 41.9005, 0.3442, 0.3775 by changing the saturation by 10% instead.

 41.9005, 0.3442,
0.3775


 41.9005, 0.3442,
0.3775


354.0703, 0.3284,
0.3526


 29.0234, 0.3481,
0.3839


 78.0490, 0.3385,
0.3683

 19.0985, 0.3532,
0.3922


 102.0892, 0.3363,
0.3649

 11.7415, 0.3598,
0.4035


 130.6192, 0.3345,
0.3620

 6.5679, 0.3689,
0.4194

164.0234, 0.3329,
0.3596

 3.1934, 0.3818,
0.4435

202.6863, 0.3315,
0.3575

 1.2335, 0.4480,
0.5403

246.9921, 0.3304,

 0.0888, 0.0000,

0.3556

1.0000

297.3253, 0.3293,
0.3540

0.0000, 0.0000,
0.0000

41.9005, 0.3442,
0.3775

41.9005, 0.3442,
0.3775

41.0389, 0.3597,
0.4010

42.8527, 0.3289,
0.3540

40.2582, 0.3748,
0.4236

43.8937, 0.3140,
0.3311

39.5560, 0.3891,
0.4446

45.0287, 0.3000,
0.3092

38.9275, 0.4018,
0.4628

46.2613, 0.2869,
0.2886

38.3675, 0.4124,
0.4775

47.5944, 0.2749,
0.2696

■ 37.8699, 0.4206,
0.4881

■ 49.0312, 0.2639,
0.2521

■ 37.4275, 0.4261,
0.4944

■ 49.9845, 0.2589,
0.2446

■ 37.0601, 0.4293,
0.4973

■ 50.3895, 0.2590,
0.2458

■ 50.7974, 0.2591,
0.2469

Harmonies

Analogous

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



41.9005, 0.3625, 0.3674



41.9005, 0.3442, 0.3775



41.9005, 0.3179, 0.3737

Triad

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



41.9005, 0.3442, 0.3775



41.9005, 0.2612, 0.3062



41.9005, 0.3334, 0.3038

Complementary

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



41.9005, 0.3442, 0.3775



28.1220, 0.2785, 0.2754

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.



41.9005, 0.3056, 0.2889



41.9005, 0.3442, 0.3775



41.9005, 0.2648, 0.2893

Square

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



41.9005, 0.3442, 0.3775



41.9005, 0.2706, 0.3308



41.9005, 0.2807, 0.2835



41.9005, 0.3564, 0.3250

Rectangle

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



41.9005, 0.3442, 0.3775



41.9005, 0.2997, 0.3633



41.9005, 0.2807, 0.2835



41.9005, 0.3243, 0.2980

Sweetspot

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



41.9024, 0.3442, 0.3775



77.5753, 0.3216, 0.3428



30.0810, 0.3511, 0.3255



16.7865, 0.3226, 0.3443



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.



41.9024, 0.3442, 0.3775



74.2821, 0.3512, 0.3881



40.9356, 0.3288, 0.3827



9.8239, 0.3265, 0.3503



26.8640, 0.4292, 0.4974



0.8696, 0.4262, 0.4998

Inverse Universe

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



28.1220, 0.2785, 0.2754



45.2549, 0.2701, 0.2621



29.0109, 0.2939, 0.2746



8.3036, 0.2985, 0.3068



2.4849, 0.1512, 0.0643



0.1032, 0.1561, 0.0821

Previews

White Background



This preview shows how the Yxy color 41.9005, 0.3442, 0.3775 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 41.9005, 0.3442, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

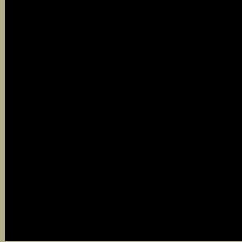
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

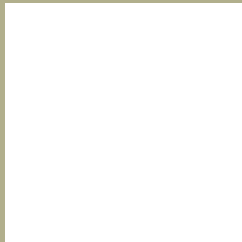
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9005, 0.3442, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 41.9005, 0.3442, 0.3775.



This preview shows how white text looks on a background with the Yxy color 41.9005, 0.3442, 0.3775.

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

41.9005, 0.3442, 0.3775

Protanopia

41.9416, 0.3523, 0.3753

Deuteranopia

41.6429, 0.3685, 0.3601



Tritanopia

41.8206, 0.3144, 0.3119

Trichromacy



Original Color

41.9005, 0.3442, 0.3775

Protanomaly

41.9599, 0.3491, 0.3770

Deuteranomaly

41.5055, 0.3595, 0.3663

Tritanomaly

41.7396, 0.3252, 0.3344

Monochromacy



Original Color

41.9005, 0.3442, 0.3775

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4239, 0.3245, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9005, 0.3442, 0.3775 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(177, 175, 140)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 140)  
}
```

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(177, 175, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 140) }
```

Border

The CSS property to change the border of an element to Yxy 41.9005, 0.3442, 0.3775 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(177, 175, 140) }
```

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

```
.border{ border-color:rgb(177, 175, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 175, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 140);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9005, 0.3442, 0.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 140) }
```

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

```
.background{ background-color: rgb(177,  
175, 140) }
```

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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