

Converting Colors

$Yxy(41.7470, 0.3670, 0.4144)$

Have a look what the booklet for
Yxy(41.7470, 0.3670, 0.4144)
contains.

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Color

Yxy(41.7306, 0.3667, 0.4145)

Conversions

Conversions Part 1

Format	Color
Hex	B2B072
RGB	178, 176, 114
RGB Percent	70%, 69%, 45%
CMY	0.3021, 0.3098, 0.5529
CMYK	0.00, 0.01, 0.36, 0.30
HSL	58°, 29%, 57%
HSV	58°, 36%, 70%
XYZ	36.9182, 41.7306, 22.0281
YIQ	169.5300, 21.0940, -18.8580

Conversions

Conversions Part 2

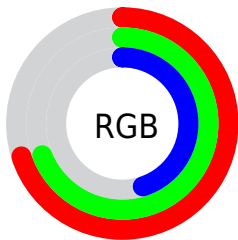
Format	Color
RYB	116, 178, 114
Decimal	11710578
CIELab	70.68, -8.83, 32.05
CIELCh	71, 33.241, 105.401
Yxy	41.7306, 0.3667, 0.4145
Android (android.graphics.Color)	4289900658 (0xFFB2B072)
YUV	169.5300, -27.3763, 7.4282
Hunter-Lab	64.5992, -11.0365, 25.0018

Details

The Yxy color $41.7306, 0.3667, 0.4145$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $19.2727, 0.2490, 0.2262$, and the grayscale version is $40.0824, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1654, 0.3572, 0.3984$, and $19.0820, 0.3798, 0.4400$ is the 20% darker color. If you saturate the color by 10%, you get $41.1523, 0.3810, 0.4368$, and if you desaturate by 10%, it is $42.3924, 0.3516, 0.3908$.

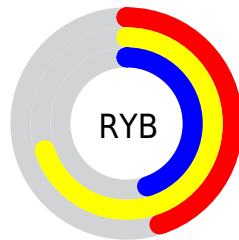
Distribution



Red (70%)

Green (69%)

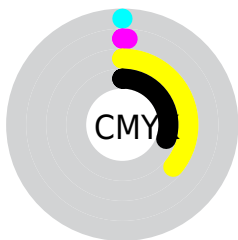
Blue (45%)



Red (45%)

Yellow (70%)

Blue (45%)

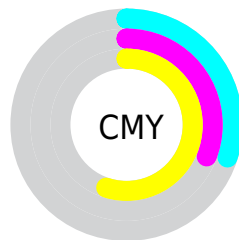


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (30%)



Cyan (30%)


Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7306, 0.3667, 0.4145 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 41.7306, 0.3667, 0.4145 by changing the saturation by 10% instead.


 41.7306, 0.3667,
0.4145


 41.7306, 0.3667,
0.4145


353.3650, 0.3402,
0.3707

 28.8904, 0.3729,
0.4256


 77.7917, 0.3573,
0.3984

 18.9979, 0.3806,
0.4397


 101.7815, 0.3537,
0.3924

 11.6688, 0.3901,
0.4584


 130.2565, 0.3506,
0.3874

 6.5186, 0.4017,
0.4835

 163.6012, 0.3479,
0.3830

 3.1629, 0.4255,
0.5319

202.2000, 0.3456,
0.3793

 1.2174, 0.4279,
0.5721

246.4373, 0.3436,

 0.0758, 0.0000,

0.3761

1.0000

296.6975, 0.3418,
0.3732

■ 0.0000, 0.0000,
0.0000

■ 41.7306, 0.3667,
0.4145

■ 41.7306, 0.3667,
0.4145

■ 41.1523, 0.3810,
0.4368

■ 42.3924, 0.3516,
0.3908

■ 40.6472, 0.3940,
0.4568

■ 43.1363, 0.3364,
0.3667

■ 40.2121, 0.4050,
0.4736


■ 43.9681, 0.3214,
0.3428

■ 39.8414, 0.4138,
0.4864

■ 44.8913, 0.3070,
0.3198

■ 39.5285, 0.4199,
0.4951

■ 45.9096, 0.2934,
0.2980

 39.2648, 0.4236,
0.4997

 47.0262, 0.2807,
0.2776

 39.1643, 0.4247,
0.5010

 48.2441, 0.2691,
0.2588

 49.4773, 0.2593,
0.2429

 49.6987, 0.2593,
0.2436

Harmonies

Analogous

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



41.7306, 0.3996, 0.3934



41.7306, 0.3667, 0.4145



41.7306, 0.3207, 0.4106

Triad

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



41.7306, 0.3667, 0.4145



41.7306, 0.2254, 0.2877



41.7306, 0.3479, 0.2857

Complementary

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



41.7306, 0.3667, 0.4145



19.2727, 0.2490, 0.2262

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.



41.7306, 0.2987, 0.2614



41.7306, 0.3667, 0.4145



41.7306, 0.2311, 0.2603

Square

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



41.7306, 0.3667, 0.4145



41.7306, 0.2405, 0.3312



41.7306, 0.2568, 0.2519



41.7306, 0.3895, 0.3201

Rectangle

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



41.7306, 0.3667, 0.4145



41.7306, 0.2892, 0.3919



41.7306, 0.2568, 0.2519



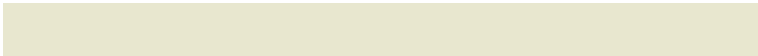
41.7306, 0.3315, 0.2762

Sweetspot

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



41.7325, 0.3667, 0.4145



78.9476, 0.3292, 0.3553



22.7607, 0.3944, 0.3261



17.4466, 0.3312, 0.3585



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.7325, 0.3667, 0.4145



74.8709, 0.3779, 0.4321



39.3525, 0.3375, 0.4258



9.8611, 0.3264, 0.3508



28.0492, 0.4247, 0.5010



0.8964, 0.4231, 0.5023

Inverse Universe

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



19.2727, 0.2490, 0.2262



28.1758, 0.2327, 0.1997



21.1642, 0.2789, 0.2312



8.2705, 0.2985, 0.3062



2.4017, 0.1507, 0.0624



0.0893, 0.1535, 0.0724

Previews

White Background



This preview shows how the Yxy color 41.7306, 0.3667, 0.4145 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 41.7306, 0.3667, 0.4145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

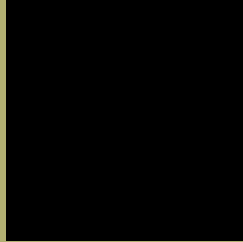
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7306, 0.3667, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 41.7306, 0.3667, 0.4145.



This preview shows how white text looks on a background with the Yxy color 41.7306, 0.3667, 0.4145.

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

41.7306, 0.3667, 0.4145

Protanopia

41.7708, 0.3787, 0.4092

Deuteranopia

41.4366, 0.3992, 0.3907



Tritanopia

41.7806, 0.3181, 0.3120

Trichromacy



Original Color

41.7306, 0.3667, 0.4145

Protanomaly

41.6547, 0.3743, 0.4116

Deuteranomaly

41.3495, 0.3870, 0.3996

Tritanomaly

41.6274, 0.3359, 0.3480

Monochromacy



Original Color

41.7306, 0.3667, 0.4145

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5913, 0.3324, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7306, 0.3667, 0.4145 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(178, 176, 114)` looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 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(178, 176, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 114) }
```

Border

The CSS property to change the border of an element to Yxy 41.7306, 0.3667, 0.4145 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(178, 176, 114) }
```

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

```
.border{ border-color:rgb(178, 176, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 176, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 114);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7306, 0.3667, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 114) }
```

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

```
.background{ background-color: rgb(178,  
176, 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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