

Converting Colors

$Yxy(42.7974, 0.3623, 0.4043)$

Have a look what the booklet for
Yxy(42.7974, 0.3623, 0.4043)
contains.

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Color

Yxy(42.6732, 0.3626, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	B5B17A
RGB	181, 177, 122
RGB Percent	71%, 69%, 48%
CMY	0.2902, 0.3059, 0.5215
CMYK	0.00, 0.02, 0.33, 0.29
HSL	56°, 28%, 59%
HSV	56°, 33%, 71%
XYZ	38.2908, 42.6732, 24.6366
YIQ	171.9260, 20.0390, -16.2570

Conversions

Conversions Part 2

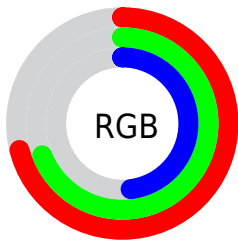
Format	Color
R_{YB}	126, 181, 122
Decimal	11907450
CIE _{Lab}	71.33, -7.15, 28.70
CIE _{LCh}	71, 29.580, 103.996
Yxy	42.6732, 0.3626, 0.4041
Android (android.graphics.Color)	4290097530 (0xFFB5B17A)
YUV	171.9260, -24.6135, 7.9579
Hunter-Lab	65.3247, -9.6886, 23.3666

Details

The Yxy color **42.6732, 0.3626, 0.4041** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.3984, 0.2562, 0.2408**, and the grayscale version is **41.3360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5501, 0.3540, 0.3903**, and **19.6471, 0.3758, 0.4279** is the 20% darker color. If you saturate the color by 10%, you get **41.7860, 0.3778, 0.4264**, and if you desaturate by 10%, it is **43.6522, 0.3470, 0.3809**.

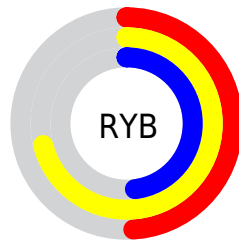
Distribution



Red (71%)

Green (69%)

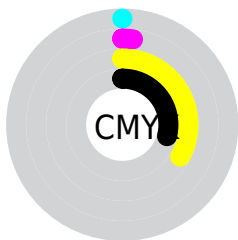
Blue (48%)



Red (49%)

Yellow (71%)

Blue (48%)

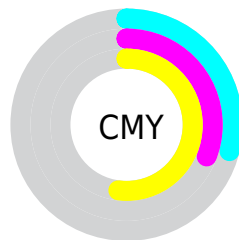


Cyan (0%)

Magenta (2%)

Yellow (33%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6732, 0.3626, 0.4041 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 42.6732, 0.3626, 0.4041 by changing the saturation by 10% instead.


 42.6732, 0.3626,
0.4041

 42.6732, 0.3626,
0.4041


357.2661, 0.3380,
0.3658


 29.6288, 0.3685,
0.4138


 79.2175, 0.3538,
0.3900

 19.5570, 0.3759,
0.4262


 103.4861, 0.3504,
0.3848

 12.0734, 0.3852,
0.4426


 132.2650, 0.3476,
0.3804

 6.7937, 0.3971,
0.4650

165.9384, 0.3451,
0.3766

 3.3334, 0.4149,
0.5003

204.8909, 0.3430,
0.3733

 1.3082, 0.4406,
0.5594

249.5067, 0.3411,

 0.1475, 0.0000,

0.3705

1.0000

300.1703, 0.3394,
0.3680

0.0000, 0.0000,
0.0000

42.6732, 0.3626,
0.4041

42.6732, 0.3626,
0.4041

41.7860, 0.3778,
0.4264

43.6522, 0.3470,
0.3809

40.9801, 0.3921,
0.4467

44.7214, 0.3315,
0.3576

40.2524, 0.4048,
0.4643

45.8868, 0.3165,
0.3348


39.5970, 0.4154,
0.4782


47.1522, 0.3023,
0.3129

39.0076, 0.4235,
0.4880

48.5211, 0.2890,
0.2924

 38.4762, 0.4289,
0.4934

 49.9969, 0.2768,
0.2733

 38.1078, 0.4316,
0.4955

 51.5828, 0.2657,
0.2558

 52.4974, 0.2621,
0.2510

 53.0182, 0.2623,
0.2524

Harmonies

Analogous

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



42.6732, 0.3906, 0.3854



42.6732, 0.3626, 0.4041



42.6732, 0.3222, 0.4012

Triad

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



42.6732, 0.3626, 0.4041



42.6732, 0.2350, 0.2944



42.6732, 0.3420, 0.2892

Complementary

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



42.6732, 0.3626, 0.4041



22.3984, 0.2562, 0.2408

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.



42.6732, 0.2986, 0.2678



42.6732, 0.3626, 0.4041



42.6732, 0.2393, 0.2689

Square

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



42.6732, 0.3626, 0.4041



42.6732, 0.2497, 0.3333



42.6732, 0.2617, 0.2602



42.6732, 0.3791, 0.3199

Rectangle

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



42.6732, 0.3626, 0.4041



42.6732, 0.2941, 0.3855



42.6732, 0.2617, 0.2602



42.6732, 0.3275, 0.2808

Sweetspot

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



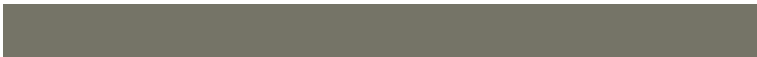
42.6751, 0.3626, 0.4041



80.5899, 0.3278, 0.3520



25.2773, 0.3802, 0.3221



17.3577, 0.3299, 0.3552



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.



42.6751, 0.3626, 0.4041



75.2950, 0.3734, 0.4200



41.5607, 0.3381, 0.4154



9.8063, 0.3265, 0.3500



26.3136, 0.4315, 0.4956



0.8571, 0.4277, 0.4986

Inverse Universe

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



22.3984, 0.2562, 0.2408



33.4118, 0.2419, 0.2180



23.4251, 0.2796, 0.2403



8.3194, 0.2985, 0.3071



2.5245, 0.1515, 0.0652



0.1098, 0.1574, 0.0866

Previews

White Background



This preview shows how the Yxy color 42.6732, 0.3626, 0.4041 looks on a white background.

Color Contrast Check

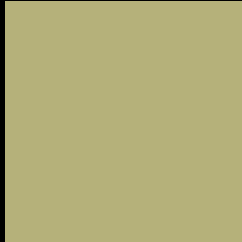
Large Text (above 18pt) WCAG AA × Fail

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 42.6732, 0.3626, 0.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

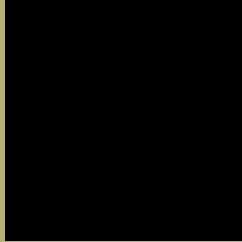
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6732, 0.3626, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 42.6732, 0.3626, 0.4041.



This preview shows how white text looks on a background with the Yxy color 42.6732, 0.3626, 0.4041.

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

42.6732, 0.3626, 0.4041

Protanopia

42.8592, 0.3720, 0.4010

Deuteranopia

42.5026, 0.3918, 0.3831



Tritanopia

42.4862, 0.3181, 0.3109

Trichromacy



Original Color

42.6732, 0.3626, 0.4041

Protanomaly

42.8702, 0.3687, 0.4029

Deuteranomaly

42.5616, 0.3809, 0.3913

Tritanomaly

42.3925, 0.3340, 0.3438

Monochromacy



Original Color

42.6732, 0.3626, 0.4041

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7192, 0.3305, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6732, 0.3626, 0.4041 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(181, 177, 122)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 122)  
}
```

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(181, 177, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 122) }
```

Border

The CSS property to change the border of an element to Yxy 42.6732, 0.3626, 0.4041 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(181, 177, 122) }
```

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

```
.border{ border-color:rgb(181, 177, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 122);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6732, 0.3626, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 122) }
```

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

```
.background{ background-color: rgb(181,  
177, 122) }
```

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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