

Converting Colors

$Yxy(42.6458, 0.3676, 0.3995)$

Have a look what the booklet for
Yxy(42.6458, 0.3676, 0.3995)
contains.

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Color

Yxy(42.5291, 0.3674, 0.3991)

Conversions

Conversions Part 1

Format	Color
Hex	BAAF7B
RGB	186, 175, 123
RGB Percent	73%, 69%, 48%
CMY	0.2707, 0.3137, 0.5177
CMYK	0.00, 0.06, 0.34, 0.27
HSL	50°, 31%, 61%
HSV	50°, 34%, 73%
XYZ	39.1511, 42.5291, 24.8823
YIQ	172.3610, 23.2480, -13.8400

Conversions

Conversions Part 2

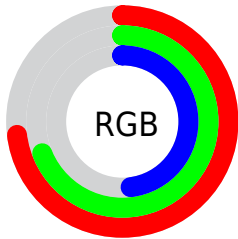
Format	Color
R_{YB}	136, 186, 123
Decimal	12234619
CIE _{Lab}	71.23, -3.98, 28.13
CIE _{LCh}	71, 28.409, 98.063
Yxy	42.5291, 0.3674, 0.3991
Android (android.graphics.Color)	4290424699 (0xFFBAAF7B)
YUV	172.3610, -24.3350, 11.9614
Hunter-Lab	65.2143, -6.9636, 23.0281

Details

The Yxy color $42.5291, 0.3674, 0.3991$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $24.7956, 0.2549, 0.2474$, and the grayscale version is $41.5639, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7829, 0.3578, 0.3856$, and $19.5525, 0.3829, 0.4205$ is the 20% darker color. If you saturate the color by 10%, you get $40.8627, 0.3845, 0.4193$, and if you desaturate by 10%, it is $44.3181, 0.3504, 0.3781$.

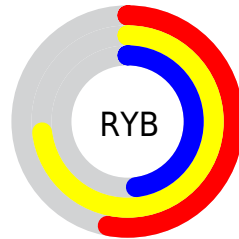
Distribution



Red (73%)

Green (69%)

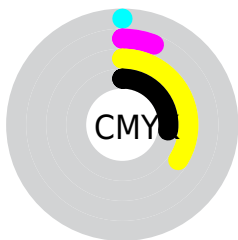
Blue (48%)



Red (53%)

Yellow (73%)

Blue (48%)

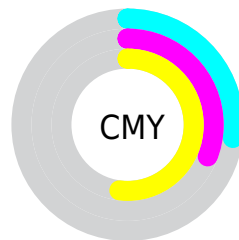


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5291, 0.3674, 0.3991 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 42.5291, 0.3674, 0.3991 by changing the saturation by 10% instead.

 42.5291, 0.3674,
0.3991

 42.5291, 0.3674,
0.3991


356.6716, 0.3402,
0.3635

 29.5158, 0.3740,
0.4080


 78.9998, 0.3576,
0.3861

 19.4714, 0.3823,
0.4193


 103.2259, 0.3539,
0.3813

 12.0114, 0.3930,
0.4342


 131.9585, 0.3507,
0.3772

 6.7514, 0.4069,
0.4543

165.5819, 0.3480,
0.3737

 3.3071, 0.4277,
0.4853

204.4806, 0.3457,
0.3706

 1.2941, 0.4615,
0.5385

249.0388, 0.3436,

 0.1366, 0.1926,

0.3680

0.8074

299.6410, 0.3418,
0.3656

0.0000, 0.0000,
0.0000

42.5291, 0.3674,
0.3991

42.5291, 0.3674,
0.3991

40.8627, 0.3845,
0.4193

44.3181, 0.3504,
0.3781

39.3079, 0.4012,
0.4378

46.2287, 0.3340,
0.3571

37.8609, 0.4167,
0.4537

48.2674, 0.3184,
0.3367

36.5152, 0.4303,
0.4659

50.4384, 0.3040,
0.3172

35.2635, 0.4414,
0.4739

52.7457, 0.2907,
0.2989

■ 34.0970, 0.4497,
0.4773

■ 55.1932, 0.2787,
0.2819

■ 33.4129, 0.4538,
0.4779

■ 57.7844, 0.2678,
0.2662

■ 59.3946, 0.2671,
0.2681

■ 60.9200, 0.2675,
0.2719

Harmonies

Analogous

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



42.5291, 0.3908, 0.3782



42.5291, 0.3674, 0.3991



42.5291, 0.3301, 0.4007

Triad

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



42.5291, 0.3674, 0.3991



42.5291, 0.2392, 0.3025



42.5291, 0.3327, 0.2857

Complementary

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



42.5291, 0.3674, 0.3991



24.7956, 0.2549, 0.2474

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.



42.5291, 0.2913, 0.2674



42.5291, 0.3674, 0.3991



42.5291, 0.2397, 0.2748

Square

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



42.5291, 0.3674, 0.3991



42.5291, 0.2569, 0.3412



42.5291, 0.2580, 0.2630



42.5291, 0.3706, 0.3140

Rectangle

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



42.5291, 0.3674, 0.3991



42.5291, 0.3028, 0.3886



42.5291, 0.2580, 0.2630



42.5291, 0.3186, 0.2782

Sweetspot

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



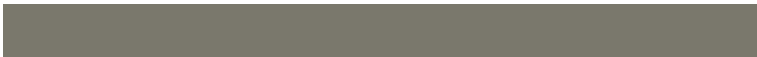
42.5310, 0.3674, 0.3991



85.1519, 0.3281, 0.3495



26.3380, 0.3762, 0.3129



18.6384, 0.3303, 0.3524



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.5310, 0.3674, 0.3991



74.7269, 0.3808, 0.4150



44.6506, 0.3448, 0.4176



10.2300, 0.3268, 0.3477



22.5815, 0.4533, 0.4783



0.8669, 0.4431, 0.4863

Inverse Universe

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



24.7956, 0.2549, 0.2474



37.4789, 0.2398, 0.2247



23.5436, 0.2716, 0.2346



8.9656, 0.2984, 0.3095



3.1731, 0.1548, 0.0773



0.1901, 0.1668, 0.1205

Previews

White Background



This preview shows how the Yxy color 42.5291, 0.3674, 0.3991 looks on a white background.

Color Contrast Check

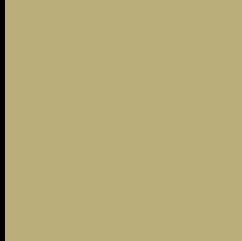
Large Text (above 18pt) WCAG AA × Fail

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 42.5291, 0.3674, 0.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

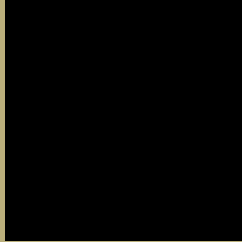
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5291, 0.3674, 0.3991

Background



This preview shows how black text looks on a background with the Yxy color 42.5291, 0.3674, 0.3991.

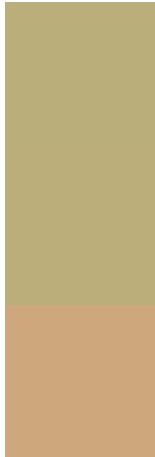


This preview shows how white text looks on a background with the Yxy color 42.5291, 0.3674, 0.3991.

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

42.5291, 0.3674, 0.3991

Protanopia

42.3935, 0.3698, 0.3974

Deuteranopia

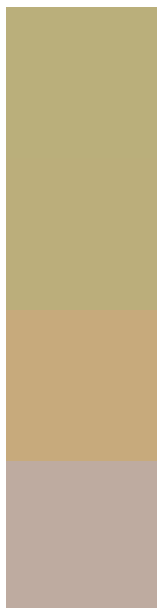
42.3835, 0.3899, 0.3820



Tritanopia

42.6789, 0.3245, 0.3124

Trichromacy



Original Color

42.5291, 0.3674, 0.3991

Protanomaly

42.2670, 0.3688, 0.3976

Deuteranomaly

42.3468, 0.3815, 0.3886

Tritanomaly

42.6110, 0.3398, 0.3436

Monochromacy



Original Color

42.5291, 0.3674, 0.3991

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.5673, 0.3325, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5291, 0.3674, 0.3991 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(186, 175, 123)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 123)  
}
```

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(186, 175, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 123) }
```

Border

The CSS property to change the border of an element to Yxy 42.5291, 0.3674, 0.3991 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(186, 175, 123) }
```

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

```
.border{ border-color:rgb(186, 175, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 175, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 175, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 175, 123);  
box-shadow:4px 4px 4px 4px rgb(186, 175,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5291, 0.3674, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 175, 123) }
```

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

```
.background{ background-color: rgb(186,  
175, 123) }
```

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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