

Converting Colors

$Y_{xy}(47.0851, 0.3660, 0.4082)$

Have a look what the booklet for
Yxy(47.0851, 0.3660, 0.4082)
contains.

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Color

Yxy(47.1003, 0.3663, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	BEB97C
RGB	190, 185, 124
RGB Percent	75%, 73%, 49%
CMY	0.2551, 0.2744, 0.5138
CMYK	0.00, 0.03, 0.35, 0.26
HSL	56°, 34%, 62%
HSV	56°, 35%, 74%
XYZ	42.2139, 47.1003, 25.9299
YIQ	179.5410, 22.5610, -17.9110

Conversions

Conversions Part 2

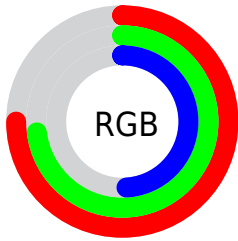
Format	Color
R_{YB}	129, 190, 124
Decimal	12499324
CIE _{Lab}	74.25, -7.54, 31.64
CIE _{LCh}	74, 32.528, 103.406
Yxy	47.1003, 0.3663, 0.4087
Android (android.graphics.Color)	4290689404 (0xFFBEB97C)
YUV	179.5410, -27.3817, 9.1725
Hunter-Lab	68.6297, -10.3070, 25.6396

Details

The Yxy color $47.1003, 0.3663, 0.4087$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $23.6814, 0.2518, 0.2344$, and the grayscale version is $45.5210, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8591, 0.3572, 0.3944$, and $22.2312, 0.3806, 0.4308$ is the 20% darker color. If you saturate the color by 10%, you get $46.0749, 0.3816, 0.4306$, and if you desaturate by 10%, it is $48.2285, 0.3506, 0.3857$.

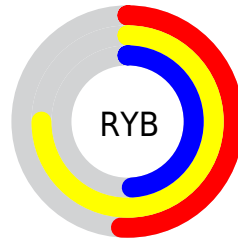
Distribution



Red (75%)

Green (73%)

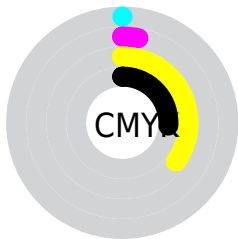
Blue (49%)



Red (51%)

Yellow (75%)

Blue (49%)

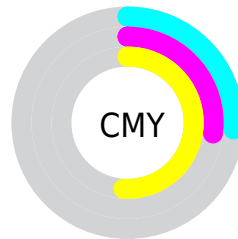


Cyan (0%)

Magenta (3%)

Yellow (35%)

Black (26%)



Cyan (26%)


Magenta (27%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1003, 0.3663, 0.4087 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 47.1003, 0.3663, 0.4087 by changing the saturation by 10% instead.


 47.1003, 0.3663,
0.4087


 47.1003, 0.3663,
0.4087


375.2147, 0.3404,
0.3687

 33.1150, 0.3723,
0.4185


 85.8633, 0.3572,
0.3942

 22.2145, 0.3798,
0.4310


 111.4098, 0.3536,
0.3888

 14.0146, 0.3891,
0.4472


 141.5787, 0.3506,
0.3842

 8.1308, 0.4006,
0.4688

176.7546, 0.3480,
0.3802

 4.1788, 0.4155,
0.4995

217.3217, 0.3457,
0.3768

 1.7741, 0.4429,
0.5571

263.6645, 0.3437,

 0.4709, 0.3588,

0.3737

0.6412

316.1674, 0.3419,
0.3711

0.0000, 0.0000,
0.0000

47.1003, 0.3663,
0.4087

47.1003, 0.3663,
0.4087

46.0749, 0.3816,
0.4306

48.2285, 0.3506,
0.3857

45.1405, 0.3958,
0.4504

49.4581, 0.3349,
0.3624

44.2934, 0.4082,
0.4671


50.7957, 0.3197,
0.3395


43.5270, 0.4185,
0.4801

52.2456, 0.3052,
0.3176


42.8336, 0.4261,
0.4887


53.8119, 0.2917,
0.2968


 42.2039, 0.4311,
0.4931

 55.4984, 0.2793,
0.2775

 41.8877, 0.4331,
0.4943

 57.1821, 0.2690,
0.2617

 57.8226, 0.2692,
0.2633

 58.4692, 0.2693,
0.2650

Harmonies

Analogous

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



47.1003, 0.3959, 0.3881



47.1003, 0.3663, 0.4087



47.1003, 0.3235, 0.4065

Triad

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



47.1003, 0.3663, 0.4087



47.1003, 0.2305, 0.2927



47.1003, 0.3429, 0.2862

Complementary

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



47.1003, 0.3663, 0.4087



23.6814, 0.2518, 0.2344

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.



47.1003, 0.2967, 0.2640



47.1003, 0.3663, 0.4087



47.1003, 0.2347, 0.2655

Square

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



47.1003, 0.3663, 0.4087



47.1003, 0.2463, 0.3342



47.1003, 0.2579, 0.2561



47.1003, 0.3827, 0.3185

Rectangle

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



47.1003, 0.3663, 0.4087



47.1003, 0.2936, 0.3901



47.1003, 0.2579, 0.2561



47.1003, 0.3274, 0.2775

Sweetspot

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



47.1024, 0.3663, 0.4087



90.7510, 0.3278, 0.3519



26.9517, 0.3869, 0.3216



19.8530, 0.3300, 0.3552



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



47.1024, 0.3663, 0.4087



83.9019, 0.3785, 0.4262



45.9950, 0.3397, 0.4219



10.9949, 0.3266, 0.3500



27.9169, 0.4329, 0.4945



1.1303, 0.4293, 0.4973

Inverse Universe

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



23.6814, 0.2518, 0.2344



34.8298, 0.2355, 0.2084



24.7527, 0.2768, 0.2335



9.3371, 0.2984, 0.3071



2.7312, 0.1516, 0.0656



0.1466, 0.1573, 0.0864

Previews

White Background



This preview shows how the Yxy color 47.1003, 0.3663, 0.4087 looks on a white background.

Color Contrast Check

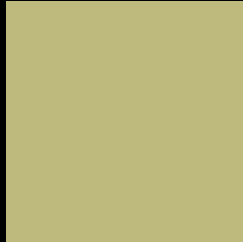
Large Text (above 18pt) WCAG AA × Fail

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 47.1003, 0.3663, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

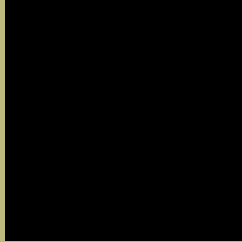
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1003, 0.3663, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 47.1003, 0.3663, 0.4087.



This preview shows how white text looks on a background with the Yxy color 47.1003, 0.3663, 0.4087.

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

47.1003, 0.3663, 0.4087

Protanopia

46.8917, 0.3759, 0.4043

Deuteranopia

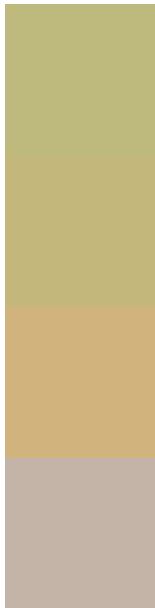
47.0717, 0.3955, 0.3878



Tritanopia

47.2116, 0.3196, 0.3117

Trichromacy



Original Color

47.1003, 0.3663, 0.4087

Protanomaly

46.8991, 0.3726, 0.4063

Deuteranomaly

47.1308, 0.3850, 0.3959

Tritanomaly

47.0346, 0.3366, 0.3457

Monochromacy



Original Color

47.1003, 0.3663, 0.4087

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.1843, 0.3323, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1003, 0.3663, 0.4087 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(190, 185, 124)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 124)  
}
```

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(190, 185, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 124) }
```

Border

The CSS property to change the border of an element to Yxy 47.1003, 0.3663, 0.4087 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(190, 185, 124) }
```

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

```
.border{ border-color:rgb(190, 185, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 124);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1003, 0.3663, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 124) }
```

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

```
.background{ background-color: rgb(190,  
185, 124) }
```

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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