

Converting Colors

$Yxy(47.1925, 0.3484, 0.3781)$

Have a look what the booklet for
Yxy(47.1925, 0.3484, 0.3781)
contains.

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Color

Yxy(47.3035, 0.3488, 0.3787)

Conversions

Conversions Part 1

Format	Color
Hex	BEB892
RGB	190, 184, 146
RGB Percent	75%, 72%, 57%
CMY	0.2548, 0.2784, 0.4274
CMYK	0.00, 0.03, 0.23, 0.25
HSL	52°, 25%, 66%
HSV	52°, 23%, 75%
XYZ	43.5687, 47.3035, 34.0380
YIQ	181.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

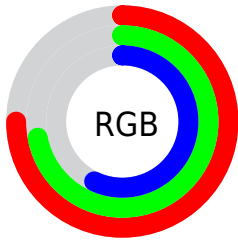
Format	Color
RYB	153, 190, 146
Decimal	12499090
CIELab	74.38, -4.06, 20.10
CIELCh	74, 20.503, 101.428
Yxy	47.3035, 0.3488, 0.3787
Android (android.graphics.Color)	4290689170 (0xFFBEB892)
YUV	181.4620, -17.4828, 7.4878
Hunter-Lab	68.7775, -7.2858, 18.8016

Details

The Yxy color $47.3035, 0.3488, 0.3787$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.3029, 0.2746, 0.2739$, and the grayscale version is $46.5649, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2645, 0.3427, 0.3698$, and $22.2931, 0.3587, 0.3933$ is the 20% darker color. If you saturate the color by 10%, you get $45.6921, 0.3653, 0.4005$, and if you desaturate by 10%, it is $49.0373, 0.3327, 0.3568$.

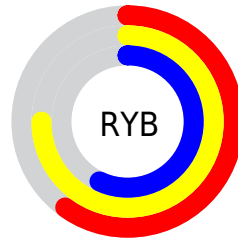
Distribution



Red (75%)

Green (72%)

Blue (57%)



Red (60%)

Yellow (75%)

Blue (57%)

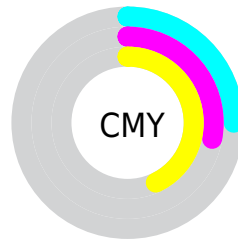


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3035, 0.3488, 0.3787 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 47.3035, 0.3488, 0.3787 by changing the saturation by 10% instead.

 47.3035, 0.3488,
0.3787

 47.3035, 0.3488,
0.3787


376.0247, 0.3310,
0.3538

 33.2756, 0.3531,
0.3849


 86.1665, 0.3424,
0.3696

 22.3377, 0.3586,
0.3929


 111.7704, 0.3400,
0.3662

 14.1052, 0.3658,
0.4034


142.0018, 0.3379,
0.3634

 8.1939, 0.3754,
0.4180

177.2450, 0.3361,
0.3609

 4.2193, 0.3888,
0.4391

217.8846, 0.3346,
0.3587

 1.7970, 0.4223,
0.4884

264.3047, 0.3333,

 0.4853, 0.4273,

0.3569

0.5727

316.8900, 0.3321,
0.3552

0.0000, 0.0000,
0.0000

47.3035, 0.3488,
0.3787

47.3035, 0.3488,
0.3787

45.6921, 0.3653,
0.4005

49.0373, 0.3327,
0.3568

44.1917, 0.3818,
0.4215

50.8918, 0.3174,
0.3355

42.7992, 0.3977,
0.4408

52.8734, 0.3030,
0.3152

41.5086, 0.4122,
0.4574

54.9862, 0.2898,
0.2961

40.3134, 0.4247,
0.4703

57.2341, 0.2777,
0.2784

■ 39.2060, 0.4347,
0.4790

■ 59.2922, 0.2695,
0.2670

■ 38.1773, 0.4419,
0.4833

■ 60.5037, 0.2698,
0.2700

■ 37.5062, 0.4457,
0.4843

■ 61.7358, 0.2701,
0.2730

■ 62.9885, 0.2704,
0.2760

Harmonies

Analogous

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



47.3035, 0.3661, 0.3664



47.3035, 0.3488, 0.3787



47.3035, 0.3223, 0.3771

Triad

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



47.3035, 0.3488, 0.3787



47.3035, 0.2599, 0.3085



47.3035, 0.3302, 0.3002

Complementary

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



47.3035, 0.3488, 0.3787



32.3029, 0.2746, 0.2739

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.



47.3035, 0.3012, 0.2859



47.3035, 0.3488, 0.3787



47.3035, 0.2617, 0.2896

Square

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



47.3035, 0.3488, 0.3787



47.3035, 0.2714, 0.3348



47.3035, 0.2764, 0.2819



47.3035, 0.3553, 0.3214

Rectangle

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



47.3035, 0.3488, 0.3787



47.3035, 0.3031, 0.3676



47.3035, 0.2764, 0.2819



47.3035, 0.3205, 0.2945

Sweetspot

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



47.3056, 0.3488, 0.3787



90.8462, 0.3233, 0.3439



33.8025, 0.3527, 0.3202



19.9038, 0.3243, 0.3452



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.



47.3056, 0.3488, 0.3787



84.1311, 0.3575, 0.3903



47.9807, 0.3337, 0.3886



10.8918, 0.3268, 0.3486



25.0192, 0.4453, 0.4846



1.0423, 0.4382, 0.4903

Inverse Universe

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



32.3029, 0.2746, 0.2739



51.9954, 0.2647, 0.2592



31.9052, 0.2879, 0.2673



9.4303, 0.2984, 0.3086



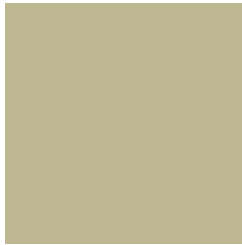
3.0320, 0.1533, 0.0720



0.1877, 0.1629, 0.1063

Previews

White Background



This preview shows how the Yxy color 47.3035, 0.3488, 0.3787 looks on a white background.

Color Contrast Check

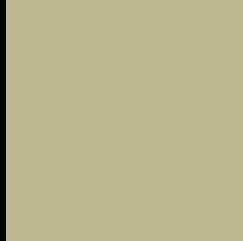
Large Text (above 18pt) WCAG AA × Fail

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 47.3035, 0.3488, 0.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

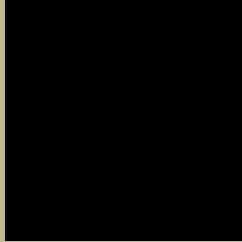
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

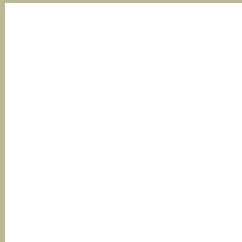
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3035, 0.3488, 0.3787

Background



This preview shows how black text looks on a background with the Yxy color 47.3035, 0.3488, 0.3787.



This preview shows how white text looks on a background with the Yxy color 47.3035, 0.3488, 0.3787.

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

47.3035, 0.3488, 0.3787

Protanopia

47.3806, 0.3536, 0.3782

Deuteranopia

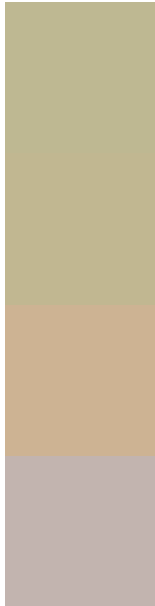
47.3349, 0.3709, 0.3634



Tritanopia

47.3823, 0.3170, 0.3116

Trichromacy



Original Color

47.3035, 0.3488, 0.3787

Protanomaly

47.2488, 0.3527, 0.3784

Deuteranomaly

47.3259, 0.3633, 0.3692

Tritanomaly

47.2070, 0.3290, 0.3354

Monochromacy



Original Color

47.3035, 0.3488, 0.3787

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4734, 0.3257, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3035, 0.3488, 0.3787 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, 184, 146)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 146)  
}
```

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, 184, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.3035, 0.3488, 0.3787 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, 184, 146) }
```

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

```
.border{ border-color:rgb(190, 184, 146) }
```

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

Here you see how a box with a 4 pixel rgb(190, 184, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 146);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3035, 0.3488, 0.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 146) }
```

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

```
.background{ background-color: rgb(190,  
184, 146) }
```

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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