

Converting Colors

$Yxy(47.2478, 0.3713, 0.4207)$

Have a look what the booklet for
Yxy(47.2478, 0.3713, 0.4207)
contains.

Yxy(47.1976, 0.3712, 0.4202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.1976, 0.3712, 0.4202)

Conversions

Conversions Part 1

Format	Color
Hex	BDBA74
RGB	189, 186, 116
RGB Percent	74%, 73%, 45%
CMY	0.2589, 0.2705, 0.5452
CMYK	0.00, 0.02, 0.39, 0.26
HSL	58°, 36%, 60%
HSV	58°, 39%, 74%
XYZ	41.6938, 47.1976, 23.4303
YIQ	178.9170, 24.2580, -21.1340

Conversions

Conversions Part 2

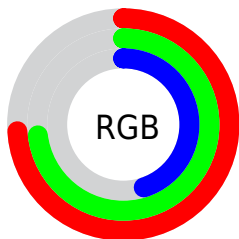
Format	Color
RYB	119, 189, 116
Decimal	12434036
CIELab	74.32, -9.38, 35.87
CIElCh	74, 37.075, 104.660
Yxy	47.1976, 0.3712, 0.4202
Android (android.graphics.Color)	4290624116 (0xFFBDBA74)
YUV	178.9170, -31.0181, 8.8428
Hunter-Lab	68.7005, -11.8956, 27.8695

Details

The Yxy color $47.1976, 0.3712, 0.4202$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $20.5691, 0.2433, 0.2178$, and the grayscale version is $45.1907, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9617, 0.3612, 0.4037$, and $22.2367, 0.3850, 0.4459$ is the 20% darker color. If you saturate the color by 10%, you get $46.4803, 0.3854, 0.4419$, and if you desaturate by 10%, it is $48.0104, 0.3561, 0.3969$.

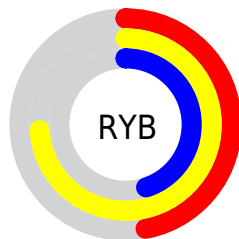
Distribution



Red (74%)

Green (73%)

Blue (45%)



Red (47%)

Yellow (74%)

Blue (45%)

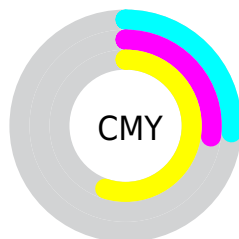


Cyan (0%)

Magenta (2%)

Yellow (39%)

Black (26%)



Cyan (26%)


Magenta (27%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1976, 0.3712, 0.4202 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 47.1976, 0.3712, 0.4202 by changing the saturation by 10% instead.


 47.1976, 0.3712,
0.4202

 47.1976, 0.3712,
0.4202


375.6027, 0.3432,
0.3745


 33.1919, 0.3776,
0.4314


 86.0085, 0.3614,
0.4037

 22.2735, 0.3852,
0.4454


 111.5825, 0.3577,
0.3975

 14.0580, 0.3946,
0.4635


 141.7814, 0.3544,
0.3922

 8.1610, 0.4056,
0.4873

176.9895, 0.3516,
0.3876

 4.1981, 0.4223,
0.5248

217.5913, 0.3491,
0.3837

 1.7850, 0.4318,
0.5682

263.9712, 0.3469,

 0.4778, 0.3202,

0.3802

0.6798

316.5135, 0.3449,
0.3772

0.0000, 0.0000,
0.0000

47.1976, 0.3712,
0.4202

47.1976, 0.3712,
0.4202

46.4803, 0.3854,
0.4419

48.0104, 0.3561,
0.3969

45.8467, 0.3982,
0.4610

48.9172, 0.3407,
0.3729

45.2927, 0.4089,
0.4767


49.9249, 0.3254,
0.3491


44.8116, 0.4172,
0.4883


51.0377, 0.3107,
0.3259


44.3951, 0.4229,
0.4956


52.2598, 0.2968,
0.3038

 44.0301, 0.4262,
0.4991

 53.5950, 0.2839,
0.2832

 43.9813, 0.4266,
0.4995

 55.0469, 0.2720,
0.2641

 55.8101, 0.2681,
0.2583

 56.1494, 0.2682,
0.2592

Harmonies

Analogous

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



47.1976, 0.4061, 0.3965



47.1976, 0.3712, 0.4202



47.1976, 0.3222, 0.4173

Triad

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



47.1976, 0.3712, 0.4202



47.1976, 0.2199, 0.2855



47.1976, 0.3490, 0.2821

Complementary

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



47.1976, 0.3712, 0.4202



20.5691, 0.2433, 0.2178

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.



47.1976, 0.2964, 0.2567



47.1976, 0.3712, 0.4202



47.1976, 0.2255, 0.2561

Square

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



47.1976, 0.3712, 0.4202



47.1976, 0.2364, 0.3323



47.1976, 0.2521, 0.2470



47.1976, 0.3941, 0.3183

Rectangle

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



47.1976, 0.3712, 0.4202



47.1976, 0.2886, 0.3977



47.1976, 0.2521, 0.2470



47.1976, 0.3314, 0.2722

Sweetspot

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



47.1998, 0.3712, 0.4202



88.7677, 0.3308, 0.3575



24.6513, 0.4023, 0.3242



19.0382, 0.3328, 0.3606



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.



47.1998, 0.3712, 0.4202



83.4937, 0.3828, 0.4379



44.7303, 0.3402, 0.4338



11.0521, 0.3265, 0.3508



29.6257, 0.4265, 0.4996



1.1813, 0.4246, 0.5010

Inverse Universe

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



20.5691, 0.2433, 0.2178



29.3298, 0.2263, 0.1901



22.5347, 0.2742, 0.2224



9.2860, 0.2984, 0.3063



2.6119, 0.1509, 0.0630



0.1239, 0.1541, 0.0747

Previews

White Background



This preview shows how the Yxy color 47.1976, 0.3712, 0.4202 looks on a white background.

Color Contrast Check

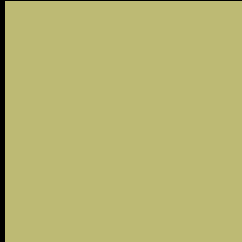
Large Text (above 18pt) WCAG AA × Fail

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 47.1976, 0.3712, 0.4202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

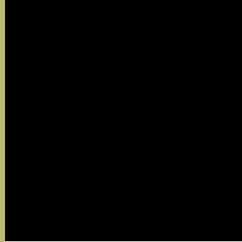
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1976, 0.3712, 0.4202

Background



This preview shows how black text looks on a background with the Yxy color 47.1976, 0.3712, 0.4202.



This preview shows how white text looks on a background with the Yxy color 47.1976, 0.3712, 0.4202.

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

47.1976, 0.3712, 0.4202

Protanopia

47.2469, 0.3827, 0.4149

Deuteranopia

47.1836, 0.4043, 0.3965



Tritanopia

47.2116, 0.3196, 0.3117

Trichromacy



Original Color

47.1976, 0.3712, 0.4202

Protanomaly

47.1209, 0.3785, 0.4173

Deuteranomaly

47.0799, 0.3926, 0.4051

Tritanomaly

46.9250, 0.3392, 0.3496

Monochromacy



Original Color

47.1976, 0.3712, 0.4202

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.9235, 0.3347, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1976, 0.3712, 0.4202 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(189, 186, 116)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 116)  
}
```

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(189, 186, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 116) }
```

Border

The CSS property to change the border of an element to Yxy 47.1976, 0.3712, 0.4202 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(189, 186, 116) }
```

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

```
.border{ border-color:rgb(189, 186, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 186, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 116);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1976, 0.3712, 0.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 116) }
```

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

```
.background{ background-color: rgb(189,  
186, 116) }
```

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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