

Converting Colors

$Yxy(46.1057, 0.3581, 0.4086)$

Have a look what the booklet for
Yxy(46.1057, 0.3581, 0.4086)
contains.

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Color

Yxy(46.1237, 0.3581, 0.4095)

Conversions

Conversions Part 1

Format	Color
Hex	B6B97D
RGB	182, 185, 125
RGB Percent	71%, 73%, 49%
CMY	0.2864, 0.2744, 0.5098
CMYK	0.02, 0.00, 0.32, 0.27
HSL	63°, 30%, 61%
HSV	63°, 32%, 73%
XYZ	40.3343, 46.1237, 26.1762
YIQ	177.2630, 17.4720, -19.2960

Conversions

Conversions Part 2

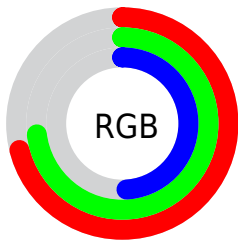
Format	Color
RYB	125, 185, 128
Decimal	11975037
CIELab	73.63, -10.58, 30.17
CIELCh	74, 31.970, 109.330
Yxy	46.1237, 0.3581, 0.4095
Android (android.graphics.Color)	4290165117 (0xFFB6B97D)
YUV	177.2630, -25.7657, 4.1543
Hunter-Lab	67.9144, -12.8393, 24.6880

Details

The Yxy color **46.1237, 0.3581, 0.4095** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.7624, 0.2584, 0.2353**, and the grayscale version is **44.2408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4757, 0.3508, 0.3947**, and **21.5997, 0.3694, 0.4331** is the 20% darker color. If you saturate the color by 10%, you get **45.5817, 0.3713, 0.4336**, and if you desaturate by 10%, it is **46.7587, 0.3441, 0.3845**.

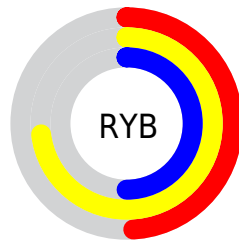
Distribution



Red (71%)

Green (73%)

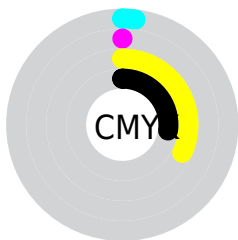
Blue (49%)



Red (49%)

Yellow (73%)

Blue (50%)

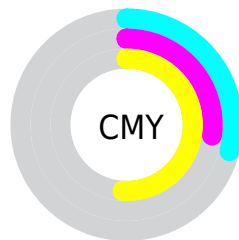


Cyan (2%)

Magenta (0%)

Yellow (32%)

Black (27%)



Cyan (29%)


Magenta (27%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1237, 0.3581, 0.4095 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 46.1237, 0.3581, 0.4095 by changing the saturation by 10% instead.


 46.1237, 0.3581,
0.4095

 46.1237, 0.3581,
0.4095


371.3057, 0.3362,
0.3686

 32.3434, 0.3632,
0.4197


 84.4041, 0.3504,
0.3946

 21.6240, 0.3694,
0.4328


 109.6730, 0.3474,
0.3890

 13.5809, 0.3771,
0.4501


 139.5403, 0.3449,
0.3843

 7.8297, 0.3865,
0.4735

174.3903, 0.3427,
0.3802

 3.9862, 0.3983,
0.5077

214.6075, 0.3408,
0.3768

 1.6658, 0.4230,
0.5770

260.5762, 0.3391,

 0.4014, 0.2348,

0.3737

0.7652

312.6808, 0.3376,
0.3710

0.0000, 0.0000,
0.0000

46.1237, 0.3581,
0.4095

46.1237, 0.3581,
0.4095

45.5817, 0.3713,
0.4336

46.7587, 0.3441,
0.3845

45.1217, 0.3833,
0.4557

47.4849, 0.3300,
0.3594

44.7402, 0.3935,
0.4750


48.3088, 0.3160,
0.3348


44.4312, 0.4014,
0.4905

49.2341, 0.3026,
0.3114

44.1879, 0.4067,
0.5019


50.2648, 0.2900,
0.2894

 44.0021, 0.4095,
0.5090

 51.4043, 0.2782,
0.2691

 43.8874, 0.4105,
0.5123

 52.6560, 0.2673,
0.2504

 52.8084, 0.2677,
0.2501

 52.9298, 0.2683,
0.2502

Harmonies

Analogous

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



46.1237, 0.3908, 0.3929



46.1237, 0.3581, 0.4095



46.1237, 0.3146, 0.4020

Triad

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



46.1237, 0.3581, 0.4095



46.1237, 0.2306, 0.2865



46.1237, 0.3513, 0.2924

Complementary

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



46.1237, 0.3581, 0.4095



22.7624, 0.2584, 0.2353

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.



46.1237, 0.3057, 0.2679



46.1237, 0.3581, 0.4095



46.1237, 0.2385, 0.2628

Square

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



46.1237, 0.3581, 0.4095



46.1237, 0.2424, 0.3254



46.1237, 0.2650, 0.2571



46.1237, 0.3878, 0.3256

Rectangle

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



46.1237, 0.3581, 0.4095



46.1237, 0.2856, 0.3826



46.1237, 0.2650, 0.2571



46.1237, 0.3364, 0.2830

Sweetspot

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



46.1258, 0.3581, 0.4095



85.3477, 0.3268, 0.3537



27.2340, 0.3849, 0.3335



18.3567, 0.3287, 0.3572



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.1258, 0.3581, 0.4095



81.8770, 0.3677, 0.4270



42.8616, 0.3309, 0.4172



10.4794, 0.3256, 0.3516



29.8869, 0.4106, 0.5122



1.0608, 0.4130, 0.5103

Inverse Universe

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



22.7624, 0.2584, 0.2353



33.4757, 0.2440, 0.2107



25.4389, 0.2879, 0.2426



8.7407, 0.2992, 0.3054



2.4362, 0.1519, 0.0611



0.0933, 0.1596, 0.0653

Previews

White Background



This preview shows how the Yxy color 46.1237, 0.3581, 0.4095 looks on a white background.

Color Contrast Check

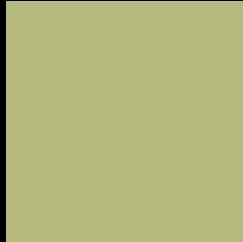
Large Text (above 18pt) WCAG AA × Fail

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 46.1237, 0.3581, 0.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

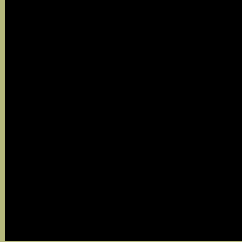
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1237, 0.3581, 0.4095

Background



This preview shows how black text looks on a background with the Yxy color 46.1237, 0.3581, 0.4095.



This preview shows how white text looks on a background with the Yxy color 46.1237, 0.3581, 0.4095.

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

46.1237, 0.3581, 0.4095

Protanopia

46.2136, 0.3744, 0.4037

Deuteranopia

45.8927, 0.3919, 0.3838



Tritanopia

46.1530, 0.3127, 0.3113

Trichromacy



Original Color

46.1237, 0.3581, 0.4095

Protanomaly

45.9875, 0.3685, 0.4049

Deuteranomaly

45.6731, 0.3795, 0.3923

Tritanomaly

45.9973, 0.3295, 0.3461

Monochromacy



Original Color

46.1237, 0.3581, 0.4095

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.6948, 0.3298, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1237, 0.3581, 0.4095 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(182, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 185, 125)  
}
```

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(182, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 185, 125) }
```

Border

The CSS property to change the border of an element to Yxy 46.1237, 0.3581, 0.4095 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(182, 185, 125) }
```

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

```
.border{ border-color:rgb(182, 185, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 185, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 185, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 185,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1237, 0.3581, 0.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 185, 125) }
```

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

```
.background{ background-color: rgb(182,  
185, 125) }
```

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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