

Converting Colors

$Yxy(46.6464, 0.3197, 0.3601)$

Have a look what the booklet for
Yxy(46.6464, 0.3197, 0.3601)
contains.

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Color

Yxy(46.6464, 0.3197, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	ADBAA3
RGB	173, 186, 163
RGB Percent	68%, 73%, 64%
CMY	0.3214, 0.2706, 0.3607
CMYK	0.07, 0.00, 0.12, 0.27
HSL	94°, 14%, 68%
HSV	94°, 12%, 73%
XYZ	41.4131, 46.6464, 41.4779
YIQ	179.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

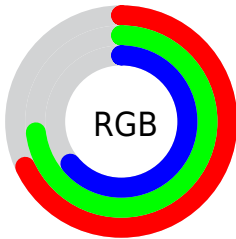
Format	Color
RYB	163, 186, 176
Decimal	11385507
CIELab	73.96, -8.72, 10.13
CIELCh	74, 13.361, 130.719
Yxy	46.6464, 0.3197, 0.3601
Android (android.graphics.Color)	4289575587 (0xFFADBAA3)
YUV	179.4910, -8.1301, -5.6926
Hunter-Lab	68.2982, -11.2870, 11.8016

Details

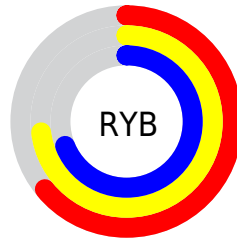
The Yxy color $46.6464, 0.3197, 0.3601$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $38.9689, 0.3050, 0.2982$, and the grayscale version is $45.4051, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0602, 0.3181, 0.3541$, and $21.9877, 0.3222, 0.3701$ is the 20% darker color. If you saturate the color by 10%, you get $44.8820, 0.3252, 0.3877$, and if you desaturate by 10%, it is $48.6065, 0.3140, 0.3347$.

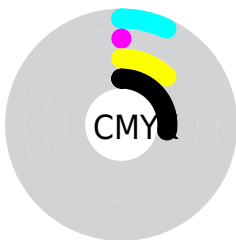
Distribution



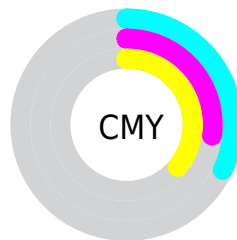
- Red (68%)
- Green (73%)
- Blue (64%)



- Red (64%)
- Yellow (73%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)




- Cyan (32%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6464, 0.3197, 0.3601 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 46.6464, 0.3197, 0.3601 by changing the saturation by 10% instead.


 46.6464, 0.3197,
0.3601

 46.6464, 0.3197,
0.3601


373.4013, 0.3163,
0.3443

 32.7562, 0.3205,
0.3641


 85.1856, 0.3185,
0.3543

 21.9398, 0.3215,
0.3694


 110.6033, 0.3181,
0.3521

 13.8126, 0.3228,
0.3764


140.6324, 0.3177,
0.3503

 7.9905, 0.3245,
0.3864

175.6572, 0.3173,
0.3488

 4.0888, 0.3268,
0.4017

216.0621, 0.3170,
0.3474

 1.7234, 0.3299,
0.4280

262.2315, 0.3168,

 0.4387, 0.3176,

0.3462

0.6824

314.5498, 0.3165,
0.3452

0.0000, 0.0000,
0.0000

46.6464, 0.3197,
0.3601

46.6464, 0.3197,
0.3601

44.8820, 0.3252,
0.3877

48.6065, 0.3140,
0.3347

43.3009, 0.3302,
0.4171

50.7622, 0.3084,
0.3115

41.8982, 0.3345,
0.4475

53.1215, 0.3030,
0.2908

40.6667, 0.3376,
0.4779

55.6897, 0.2977,
0.2722

39.5986, 0.3392,
0.5067

58.4071, 0.2935,
0.2567

■ 38.6852, 0.3389,
0.5324

■ 60.1462, 0.3013,
0.2583

■ 37.9171, 0.3366,
0.5535

■ 61.9904, 0.3093,
0.2600

■ 37.2832, 0.3324,
0.5689

■ 63.5931, 0.3159,
0.2614

■ 36.8745, 0.3284,
0.5774

Harmonies

Analogous

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



46.6464, 0.3369, 0.3613



46.6464, 0.3197, 0.3601



46.6464, 0.3010, 0.3497

Triad

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



46.6464, 0.3197, 0.3601



46.6464, 0.2787, 0.3035



46.6464, 0.3402, 0.3239

Complementary

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



46.6464, 0.3197, 0.3601



38.9689, 0.3050, 0.2982

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.



46.6464, 0.3239, 0.3095



46.6464, 0.3197, 0.3601



46.6464, 0.2885, 0.2978

Square

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



46.6464, 0.3197, 0.3601



46.6464, 0.2778, 0.3164



46.6464, 0.3049, 0.3001



46.6464, 0.3490, 0.3399

Rectangle

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



46.6464, 0.3197, 0.3601



46.6464, 0.2902, 0.3392



46.6464, 0.3049, 0.3001



46.6464, 0.3353, 0.3187

Sweetspot

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



46.6484, 0.3197, 0.3601



87.4804, 0.3150, 0.3388



43.9965, 0.3326, 0.3458



19.2037, 0.3154, 0.3407



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.



46.6484, 0.3197, 0.3601



83.6018, 0.3213, 0.3679



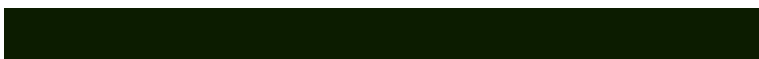
45.5875, 0.3103, 0.3593



10.2469, 0.3180, 0.3522



24.8541, 0.3294, 0.5767



0.9129, 0.3506, 0.5598

Inverse Universe

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



38.9689, 0.3050, 0.2982



66.7552, 0.3029, 0.2905



40.1336, 0.3151, 0.3005



8.9621, 0.3070, 0.3060



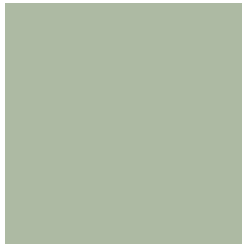
4.4393, 0.2164, 0.0966



0.1924, 0.2431, 0.1113

Previews

White Background



This preview shows how the Yxy color 46.6464, 0.3197, 0.3601 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 46.6464, 0.3197, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

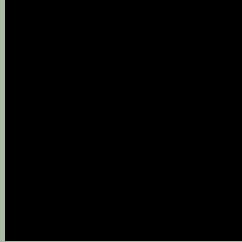
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6464, 0.3197, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 46.6464, 0.3197, 0.3601.



This preview shows how white text looks on a background with the Yxy color 46.6464, 0.3197, 0.3601.

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

46.6464, 0.3197, 0.3601

Protanopia

46.5330, 0.3378, 0.3564

Deuteranopia

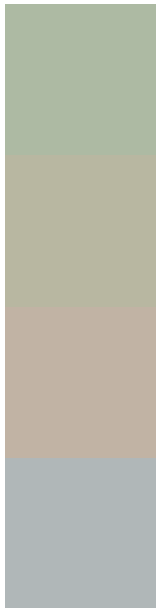
46.3557, 0.3485, 0.3416



Tritanopia

46.4982, 0.2986, 0.3096

Trichromacy



Original Color

46.6464, 0.3197, 0.3601

Protanomaly

46.6305, 0.3313, 0.3581

Deuteranomaly

46.2580, 0.3376, 0.3484

Tritanomaly

46.5578, 0.3061, 0.3277

Monochromacy



Original Color

46.6464, 0.3197, 0.3601

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8590, 0.3148, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6464, 0.3197, 0.3601 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(173, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 163)  
}
```

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(173, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 163) }
```

Border

The CSS property to change the border of an element to Yxy 46.6464, 0.3197, 0.3601 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(173, 186, 163) }
```

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

```
.border{ border-color:rgb(173, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6464, 0.3197, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 163) }
```

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

```
.background{ background-color: rgb(173,  
186, 163) }
```

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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