

Converting Colors

Yxy(46.0872, 0.3136, 0.3568)

Have a look what the booklet for
Yxy(46.0872, 0.3136, 0.3568)
contains.

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Color

Yxy(46.1593, 0.3139, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	A8BAA5
RGB	168, 186, 165
RGB Percent	66%, 73%, 65%
CMY	0.3410, 0.2706, 0.3529
CMYK	0.10, 0.00, 0.11, 0.27
HSL	111°, 13%, 69%
HSV	111°, 11%, 73%
XYZ	40.5071, 46.1593, 42.3783
YIQ	178.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

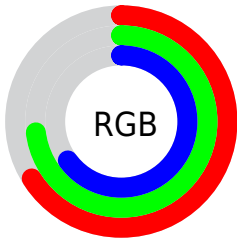
Format	Color
R _Y B	165, 186, 183
Decimal	11057829
CIE Lab	73.65, -10.15, 8.54
CIE LCh	74, 13.263, 139.903
Yxy	46.1593, 0.3139, 0.3577
Android (android.graphics.Color)	4289247909 (0xFFA8BAA5)
YUV	178.2240, -6.5194, -8.9664
Hunter-Lab	67.9406, -12.4720, 10.5760

Details

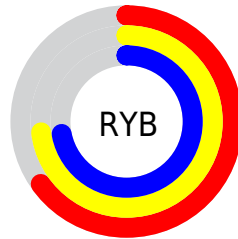
The Yxy color $46.1593, 0.3139, 0.3577$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.5226, 0.3112, 0.3014$, and the grayscale version is $44.6876, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3595, 0.3136, 0.3522$, and $21.6803, 0.3143, 0.3670$ is the 20% darker color. If you saturate the color by 10%, you get $43.8910, 0.3147, 0.3864$, and if you desaturate by 10%, it is $48.7437, 0.3129, 0.3321$.

Distribution



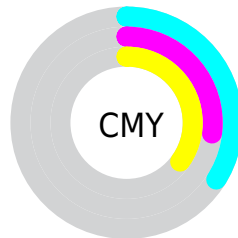
- Red (66%)
- Green (73%)
- Blue (65%)



- Red (65%)
- Yellow (73%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (34%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1593, 0.3139, 0.3577 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 46.1593, 0.3139, 0.3577 by changing the saturation by 10% instead.


 46.1593, 0.3139,
0.3577

 46.1593, 0.3139,
0.3577


371.4487, 0.3134,
0.3431

 32.3715, 0.3140,
0.3614


 84.4574, 0.3138,
0.3523

 21.6454, 0.3140,
0.3663


 109.7364, 0.3137,
0.3503

 13.5966, 0.3141,
0.3729


139.6148, 0.3136,
0.3486

 7.8406, 0.3141,
0.3823

174.4767, 0.3136,
0.3472

 3.9931, 0.3138,
0.3967

214.7067, 0.3135,
0.3460

 1.6697, 0.3128,
0.4218

260.6891, 0.3135,


 0.4039, 0.2522,


0.3449


0.7478

312.8083, 0.3135,
0.3439


 0.0000, 0.0000,
0.0000

 46.1593, 0.3139,
0.3577


 46.1593, 0.3139,
0.3577


 43.8910, 0.3147,
0.3864


 48.7437, 0.3129,
0.3321

 41.9210, 0.3153,
0.4178

 51.6497, 0.3117,
0.3094


 40.2386, 0.3153,
0.4512

 54.8898, 0.3105,
0.2897

 38.8303, 0.3148,
0.4854

 58.4742, 0.3093,
0.2725

 37.6812, 0.3137,
0.5184

 62.2174, 0.3102,
0.2602

■ 36.7754, 0.3118,
0.5479

■ 63.5941, 0.3159,
0.2614

■ 36.0947, 0.3093,
0.5717

■ 35.6188, 0.3064,
0.5880

■ 35.3456, 0.3040,
0.5968

Harmonies

Analogous

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



46.1593, 0.3320, 0.3619



46.1593, 0.3139, 0.3577



46.1593, 0.2959, 0.3451

Triad

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



46.1593, 0.3139, 0.3577



46.1593, 0.2810, 0.3010



46.1593, 0.3437, 0.3288

Complementary

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



46.1593, 0.3139, 0.3577



40.5226, 0.3112, 0.3014

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.



46.1593, 0.3293, 0.3136



46.1593, 0.3139, 0.3577



46.1593, 0.2930, 0.2978

Square

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



46.1593, 0.3139, 0.3577



46.1593, 0.2772, 0.3119



46.1593, 0.3107, 0.3024



46.1593, 0.3496, 0.3445

Rectangle

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



46.1593, 0.3139, 0.3577



46.1593, 0.2862, 0.3339



46.1593, 0.3107, 0.3024



46.1593, 0.3397, 0.3235

Sweetspot

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



46.1613, 0.3139, 0.3577



87.4889, 0.3131, 0.3364



46.9581, 0.3298, 0.3524



19.1801, 0.3131, 0.3384



95.5105, 0.3127, 0.3290



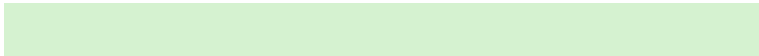
19.5994, 0.3127, 0.3290

Same Dimension

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



46.1613, 0.3139, 0.3577



82.4055, 0.3142, 0.3659



46.1073, 0.3058, 0.3476



10.1207, 0.3137, 0.3525



23.8023, 0.3045, 0.5964



0.8590, 0.3184, 0.5854

Inverse Universe

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



40.5226, 0.3112, 0.3014



69.7655, 0.3108, 0.2940



40.5941, 0.3204, 0.3111



9.0952, 0.3115, 0.3063



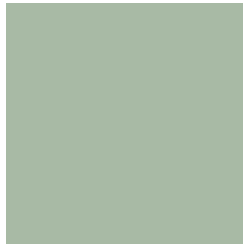
7.3768, 0.2851, 0.1344



0.2782, 0.2949, 0.1398

Previews

White Background



This preview shows how the Yxy color 46.1593, 0.3139, 0.3577 looks on a white background.

Color Contrast Check

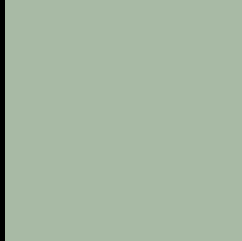
Large Text (above 18pt) WCAG AA × Fail

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 46.1593, 0.3139, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

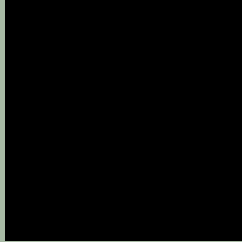
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

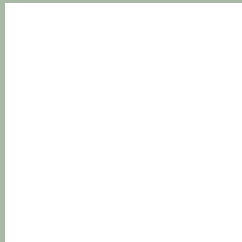
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1593, 0.3139, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 46.1593, 0.3139, 0.3577.



This preview shows how white text looks on a background with the Yxy color 46.1593, 0.3139, 0.3577.

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

46.1593, 0.3139, 0.3577

Protanopia

45.9425, 0.3345, 0.3527

Deuteranopia

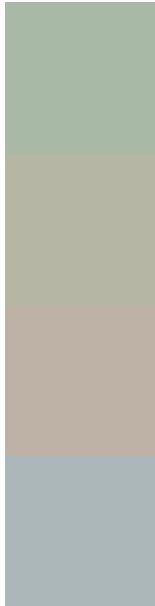
45.7586, 0.3451, 0.3379



Tritanopia

46.3257, 0.2946, 0.3107

Trichromacy



Original Color

46.1593, 0.3139, 0.3577

Protanomaly

45.9240, 0.3271, 0.3544

Deuteranomaly

45.5411, 0.3333, 0.3447

Tritanomaly

46.0277, 0.3012, 0.3263

Monochromacy



Original Color

46.1593, 0.3139, 0.3577

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.0635, 0.3131, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1593, 0.3139, 0.3577 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(168, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 165)  
}
```

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(168, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 165) }
```

Border

The CSS property to change the border of an element to Yxy 46.1593, 0.3139, 0.3577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

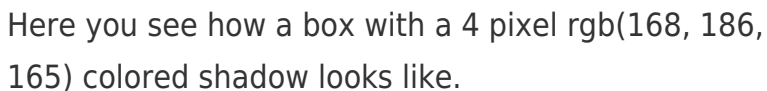
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 186, 165) }
```

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

```
.border{ border-color:rgb(168, 186, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 186, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 186, 165); box-shadow:4px 4px 4px 4px rgb(168, 186, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1593, 0.3139, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 165) }
```

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

```
.background{ background-color: rgb(168,  
186, 165) }
```

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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