

Converting Colors

$Yxy(46.7425, 0.3101, 0.3584)$

Have a look what the booklet for
Yxy(46.7425, 0.3101, 0.3584)
contains.

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Color

Yxy(46.7558, 0.3097, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	A5BCA7
RGB	165, 188, 167
RGB Percent	65%, 74%, 65%
CMY	0.3531, 0.2627, 0.3451
CMYK	0.12, 0.00, 0.11, 0.26
HSL	125°, 15%, 69%
HSV	125°, 12%, 74%
XYZ	40.4703, 46.7558, 43.4497
YIQ	178.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

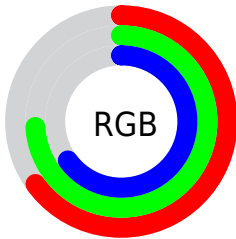
Format	Color
RYB	165, 186, 188
Decimal	10861735
CIELab	74.03, -11.92, 7.99
CIELCh	74, 14.345, 146.176
Yxy	46.7558, 0.3097, 0.3578
Android (android.graphics.Color)	4289051815 (0xFFA5BCA7)
YUV	178.7290, -5.7824, -12.0403
Hunter-Lab	68.3782, -14.0150, 10.1900

Details

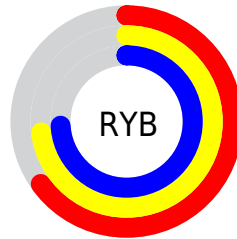
The Yxy color **46.7558, 0.3097, 0.3578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1368, 0.3159, 0.3018**, and the grayscale version is **44.9599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1909, 0.3103, 0.3523**, and **22.0765, 0.3087, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **44.2955, 0.3071, 0.3847**, and if you desaturate by 10%, it is **49.6006, 0.3122, 0.3340**.

Distribution



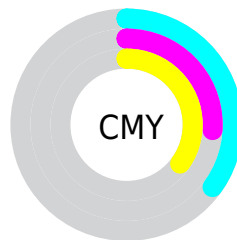
- Red (65%)
- Green (74%)
- Blue (65%)



- Red (65%)
- Yellow (73%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)




- Cyan (35%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7558, 0.3097, 0.3578 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 46.7558, 0.3097, 0.3578 by changing the saturation by 10% instead.


 46.7558, 0.3097,
0.3578


 46.7558, 0.3097,
0.3578


373.8389, 0.3113,
0.3431

 32.8426, 0.3092,
0.3616


 85.3490, 0.3103,
0.3524

 22.0059, 0.3086,
0.3664


 110.7978, 0.3106,
0.3504

 13.8613, 0.3078,
0.3730


140.8607, 0.3107,
0.3487

 8.0242, 0.3065,
0.3824

175.9219, 0.3109,
0.3473

 4.1105, 0.3043,
0.3969

216.3660, 0.3110,
0.3460

 1.7355, 0.3001,
0.4219

262.5772, 0.3112,


 0.4465, 0.2301,


0.3449


0.7699


314.9401, 0.3113,
0.3440


 0.0000, 0.0000,
0.0000

 46.7558, 0.3097,
0.3578

 46.7558, 0.3097,
0.3578

 44.2955, 0.3071,
0.3847


 49.6006, 0.3122,
0.3340


 42.1974, 0.3046,
0.4145


 52.8390, 0.3145,
0.3131


 40.4463, 0.3022,
0.4466

 56.4874, 0.3167,
0.2950

 39.0233, 0.3001,
0.4798

 60.5594, 0.3187,
0.2795

 37.9081, 0.2984,
0.5124

 64.3062, 0.3175,
0.2654

■ 37.0777, 0.2975,
0.5423

■ 64.4517, 0.3158,
0.2634

■ 36.5061, 0.2973,
0.5671

■ 36.1625, 0.2979,
0.5852

■ 36.0108, 0.2984,
0.5942

Harmonies

Analogous

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



46.7558, 0.3297, 0.3644



46.7558, 0.3097, 0.3578



46.7558, 0.2910, 0.3427

Triad

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



46.7558, 0.3097, 0.3578



46.7558, 0.2806, 0.2974



46.7558, 0.3483, 0.3323

Complementary

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



46.7558, 0.3097, 0.3578



41.1368, 0.3159, 0.3018

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.



46.7558, 0.3344, 0.3156



46.7558, 0.3097, 0.3578



46.7558, 0.2951, 0.2958

Square

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



46.7558, 0.3097, 0.3578



46.7558, 0.2746, 0.3075



46.7558, 0.3148, 0.3024



46.7558, 0.3524, 0.3488

Rectangle

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



46.7558, 0.3097, 0.3578



46.7558, 0.2816, 0.3303



46.7558, 0.3148, 0.3024



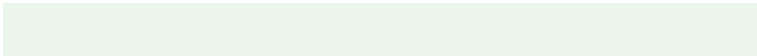
46.7558, 0.3446, 0.3266

Sweetspot

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



46.7578, 0.3097, 0.3578



88.8960, 0.3117, 0.3380



49.1379, 0.3291, 0.3590



19.0298, 0.3116, 0.3398



95.5105, 0.3127, 0.3290



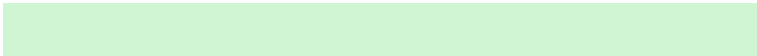
19.5994, 0.3127, 0.3290

Same Dimension

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



46.7578, 0.3097, 0.3578



83.3242, 0.3089, 0.3655



47.1987, 0.3012, 0.3420



10.6629, 0.3104, 0.3506



24.5193, 0.2981, 0.5931



0.9651, 0.2913, 0.5687

Inverse Universe

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



41.1368, 0.3159, 0.3018



70.9121, 0.3167, 0.2950



40.6706, 0.3259, 0.3164



9.6814, 0.3151, 0.3083



9.2983, 0.3441, 0.1669



0.3685, 0.3379, 0.1635

Previews

White Background



This preview shows how the Yxy color 46.7558, 0.3097, 0.3578 looks on a white background.

Color Contrast Check

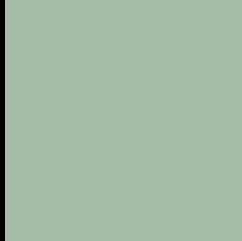
Large Text (above 18pt) WCAG AA × Fail

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 46.7558, 0.3097, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

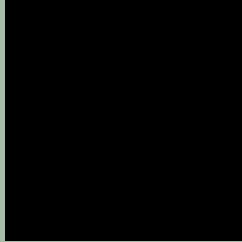
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

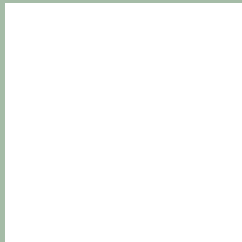
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7558, 0.3097, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 46.7558, 0.3097, 0.3578.

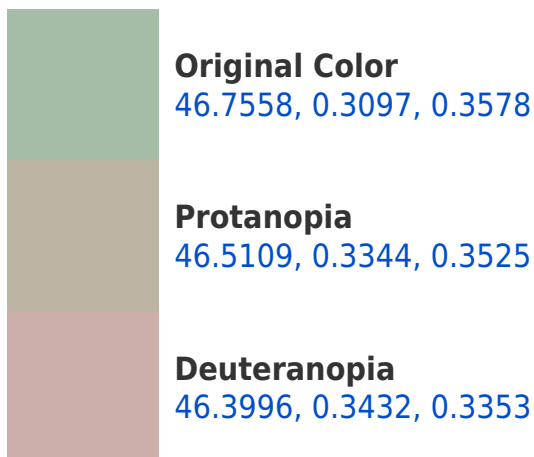


This preview shows how white text looks on a background with the Yxy color 46.7558, 0.3097, 0.3578.

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





Tritanopia

46.9042, 0.2908, 0.3107

Trichromacy



Original Color

46.7558, 0.3097, 0.3578

Protanomaly

46.6646, 0.3252, 0.3557

Deuteranomaly

46.4542, 0.3305, 0.3433

Tritanomaly

46.6106, 0.2973, 0.3263

Monochromacy



Original Color

46.7558, 0.3097, 0.3578

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5497, 0.3114, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7558, 0.3097, 0.3578 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(165, 188, 167)` looks like.

```
.text, #text, p{  
    color:rgb(165, 188, 167)  
}
```

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(165, 188, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 188, 167) }
```

Border

The CSS property to change the border of an element to Yxy 46.7558, 0.3097, 0.3578 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(165, 188, 167) }
```

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

```
.border{ border-color:rgb(165, 188, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 188, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 188, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 188, 167);  
box-shadow:4px 4px 4px 4px rgb(165, 188,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7558, 0.3097, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 188, 167) }
```

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

```
.background{ background-color: rgb(165,  
188, 167) }
```

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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