

Converting Colors

Yxy(44.8725, 0.3117, 0.3510)

Have a look what the booklet for
Yxy(44.8725, 0.3117, 0.3510)
contains.

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Color

Yxy(44.8725, 0.3117, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	A7B7A7
RGB	167, 183, 167
RGB Percent	65%, 72%, 65%
CMY	0.3450, 0.2824, 0.3451
CMYK	0.09, 0.00, 0.09, 0.28
HSL	120°, 10%, 69%
HSV	120°, 9%, 72%
XYZ	39.8483, 44.8725, 43.1211
YIQ	176.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

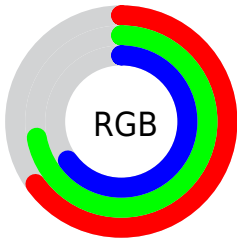
Format	Color
RYB	167, 183, 183
Decimal	10991527
CIELab	72.81, -8.57, 6.24
CIELCh	73, 10.606, 143.928
Yxy	44.8725, 0.3117, 0.3510
Android (android.graphics.Color)	4289181607 (0xFFA7B7A7)
YUV	176.3920, -4.6303, -8.2368
Hunter-Lab	66.9869, -11.0434, 8.7245

Details

The Yxy color $44.8725, 0.3117, 0.3510$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.1222, 0.3137, 0.3079$, and the grayscale version is $43.6604, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.5365, 0.3119, 0.3470$, and $20.8479, 0.3114, 0.3577$ is the 20% darker color. If you saturate the color by 10%, you get $42.3924, 0.3104, 0.3794$, and if you desaturate by 10%, it is $47.7336, 0.3129, 0.3260$.

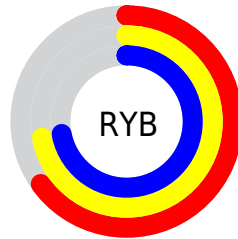
Distribution



Red (65%)

Green (72%)

Blue (65%)



Red (65%)

Yellow (72%)

Blue (72%)

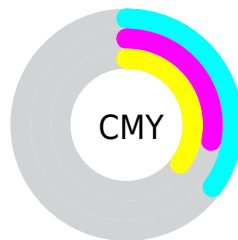


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (35%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8725, 0.3117, 0.3510 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 44.8725, 0.3117, 0.3510 by changing the saturation by 10% instead.


 44.8725, 0.3117,
0.3510


 44.8725, 0.3117,
0.3510


366.2569, 0.3123,
0.3398

 31.3570, 0.3115,
0.3539


 82.5291, 0.3119,
0.3469

 20.8709, 0.3113,
0.3576


 107.4389, 0.3120,
0.3453

 13.0296, 0.3109,
0.3627


136.9157, 0.3121,
0.3440

 7.4490, 0.3104,
0.3700

171.3437, 0.3121,
0.3429

 3.7444, 0.3094,
0.3812

211.1075, 0.3122,
0.3420

 1.5316, 0.3074,
0.4009

256.5914, 0.3122,

 0.3108, 0.2171,

0.3412

0.7829

308.1797, 0.3123,
0.3404

0.0000, 0.0000,
0.0000

44.8725, 0.3117,
0.3510

44.8725, 0.3117,
0.3510

42.3924, 0.3104,
0.3794

47.7336, 0.3129,
0.3260

40.2717, 0.3089,
0.4110

50.9848, 0.3139,
0.3044

38.4956, 0.3073,
0.4453

54.6420, 0.3147,
0.2857

37.0459, 0.3057,
0.4808

58.7185, 0.3154,
0.2697

35.9028, 0.3040,
0.5156

62.3464, 0.3160,
0.2585

■ 35.0441, 0.3026,
0.5470

■ 34.4450, 0.3014,
0.5723

■ 34.0763, 0.3005,
0.5896

■ 33.8877, 0.3001,
0.5990

Harmonies

Analogous

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



44.8725, 0.3265, 0.3554



44.8725, 0.3117, 0.3510



44.8725, 0.2974, 0.3402

Triad

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



44.8725, 0.3117, 0.3510



44.8725, 0.2880, 0.3056



44.8725, 0.3388, 0.3307

Complementary

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



44.8725, 0.3117, 0.3510



41.1222, 0.3137, 0.3079

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.



44.8725, 0.3280, 0.3181



44.8725, 0.3117, 0.3510



44.8725, 0.2986, 0.3038

Square

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



44.8725, 0.3117, 0.3510



44.8725, 0.2839, 0.3138



44.8725, 0.3132, 0.3083



44.8725, 0.3424, 0.3432

Rectangle

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



44.8725, 0.3117, 0.3510



44.8725, 0.2900, 0.3311



44.8725, 0.3132, 0.3083



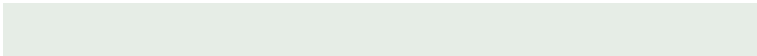
44.8725, 0.3359, 0.3263

Sweetspot

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



44.8744, 0.3117, 0.3510



83.2007, 0.3124, 0.3364



46.6138, 0.3255, 0.3498



18.2850, 0.3123, 0.3384



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.



44.8744, 0.3117, 0.3510



79.6970, 0.3115, 0.3548



45.1669, 0.3057, 0.3402



10.0606, 0.3116, 0.3526



23.6274, 0.3000, 0.6000



0.8331, 0.3002, 0.5999

Inverse Universe

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



41.1222, 0.3137, 0.3079



71.9563, 0.3138, 0.3044



40.8113, 0.3204, 0.3180



9.1622, 0.3138, 0.3065



9.3898, 0.3206, 0.1540



0.3312, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 44.8725, 0.3117, 0.3510 looks on a white background.

Color Contrast Check

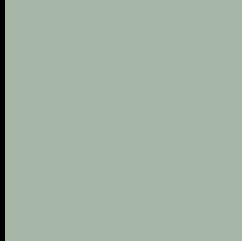
Large Text (above 18pt) WCAG AA × Fail

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 44.8725, 0.3117, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

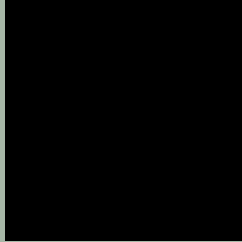
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

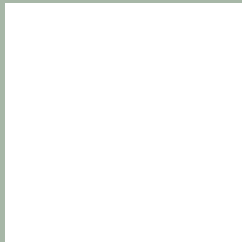
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8725, 0.3117, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 44.8725, 0.3117, 0.3510.



This preview shows how white text looks on a background with the Yxy color 44.8725, 0.3117, 0.3510.

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

44.8725, 0.3117, 0.3510

Protanopia

44.8354, 0.3305, 0.3476

Deuteranopia

44.5117, 0.3400, 0.3329



Tritanopia

44.7484, 0.2951, 0.3105

Trichromacy



Original Color

44.8725, 0.3117, 0.3510

Protanomaly

44.8241, 0.3231, 0.3492

Deuteranomaly

44.4426, 0.3292, 0.3396

Tritanomaly

44.6493, 0.3011, 0.3236

Monochromacy



Original Color

44.8725, 0.3117, 0.3510

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.1416, 0.3123, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8725, 0.3117, 0.3510 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(167, 183, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 183, 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(167, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 183, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.8725, 0.3117, 0.3510 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(167, 183, 167) }
```

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

```
.border{ border-color:rgb(167, 183, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 183, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 183, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 183, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 183,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8725, 0.3117, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 183, 167) }
```

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

```
.background{ background-color: rgb(167,  
183, 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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