

Converting Colors

Yxy(52.1412, 0.3082, 0.3593)

Have a look what the booklet for
Yxy(52.1412, 0.3082, 0.3593)
contains.

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Color

Yxy(52.1412, 0.3082, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	ABC6AF
RGB	171, 198, 175
RGB Percent	67%, 78%, 69%
CMY	0.3294, 0.2235, 0.3138
CMYK	0.14, 0.00, 0.12, 0.22
HSL	129°, 19%, 72%
HSV	129°, 14%, 78%
XYZ	44.7256, 52.1412, 48.2520
YIQ	187.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

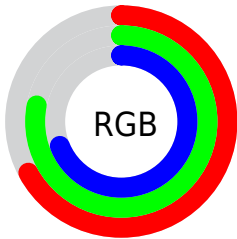
Format	Color
RYB	171, 195, 198
Decimal	11257519
CIELab	77.37, -13.53, 8.49
CIELCh	77, 15.977, 147.884
Yxy	52.1412, 0.3082, 0.3593
Android (android.graphics.Color)	4289447599 (0xFFABC6AF)
YUV	187.3050, -6.0664, -14.2995
Hunter-Lab	72.2089, -15.8040, 10.9269

Details

The Yxy color **52.1412, 0.3082, 0.3593** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.0317, 0.3176, 0.3005**, and the grayscale version is **49.9147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4583, 0.3085, 0.3535**, and **25.2985, 0.3068, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **49.4612, 0.3049, 0.3849**, and if you desaturate by 10%, it is **55.2417, 0.3115, 0.3366**.

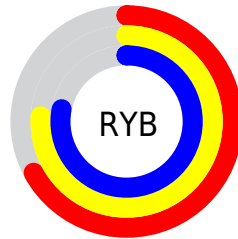
Distribution



Red (67%)

Green (78%)

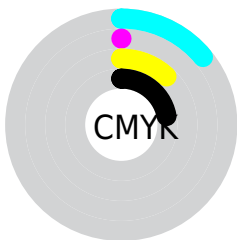
Blue (69%)



Red (67%)

Yellow (76%)

Blue (78%)

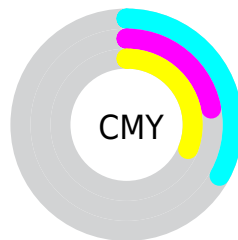


Cyan (14%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (33%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1412, 0.3082, 0.3593 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 52.1412, 0.3082, 0.3593 by changing the saturation by 10% instead.


 52.1412, 0.3082,
0.3593

 52.1412, 0.3082,
0.3593

394.9815, 0.3106,
0.3441

 37.1176, 0.3076,
0.3631


 93.3394, 0.3091,
0.3538

 25.2986, 0.3068,
0.3680


120.2829, 0.3094,
0.3517

 16.2997, 0.3056,
0.3745


151.9685, 0.3097,
0.3500

 9.7364, 0.3040,
0.3836

188.7805, 0.3099,
0.3485

 5.2246, 0.3014,
0.3973

231.1035, 0.3101,
0.3472

 2.3796, 0.2968,
0.4200

279.3217, 0.3103,

 0.8154, 0.2861,

0.3460

0.5247

333.8195, 0.3104,
0.3450

0.0000, 0.0000,
0.0000

52.1412, 0.3082,
0.3593

52.1412, 0.3082,
0.3593

49.4612, 0.3049,
0.3849

55.2417, 0.3115,
0.3366

47.1773, 0.3016,
0.4132

58.7728, 0.3147,
0.3166

45.2725, 0.2987,
0.4436

62.7526, 0.3178,
0.2993

43.7261, 0.2963,
0.4752

67.1960, 0.3207,
0.2843

42.5156, 0.2947,
0.5065

68.8704, 0.3153,
0.2732

■ 41.6155, 0.2940,
0.5356

■ 40.9970, 0.2944,
0.5604

■ 40.6253, 0.2958,
0.5795

■ 40.4797, 0.2968,
0.5883

Harmonies

Analogous

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



52.1412, 0.3297, 0.3669



52.1412, 0.3082, 0.3593



52.1412, 0.2884, 0.3426

Triad

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



52.1412, 0.3082, 0.3593



52.1412, 0.2790, 0.2948



52.1412, 0.3516, 0.3335

Complementary

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



52.1412, 0.3082, 0.3593



45.0317, 0.3176, 0.3005

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.



52.1412, 0.3371, 0.3156



52.1412, 0.3082, 0.3593



52.1412, 0.2949, 0.2936

Square

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



52.1412, 0.3082, 0.3593



52.1412, 0.2719, 0.3050



52.1412, 0.3161, 0.3012



52.1412, 0.3552, 0.3510

Rectangle

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



52.1412, 0.3082, 0.3593



52.1412, 0.2787, 0.3291



52.1412, 0.3161, 0.3012



52.1412, 0.3478, 0.3274

Sweetspot

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



52.1434, 0.3082, 0.3593



97.5688, 0.3114, 0.3375



54.8540, 0.3299, 0.3627



20.7889, 0.3111, 0.3391



0.0000, 0.0000, 0.0000



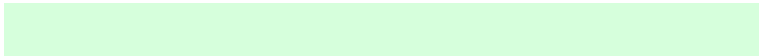
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1434, 0.3082, 0.3593



91.0242, 0.3073, 0.3657



52.6846, 0.2989, 0.3418



11.9129, 0.3096, 0.3493



26.3314, 0.2963, 0.5868



1.2552, 0.2873, 0.5543

Inverse Universe

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



45.0317, 0.3176, 0.3005



76.2940, 0.3186, 0.2949



44.4674, 0.3288, 0.3166



10.7888, 0.3160, 0.3095



9.6776, 0.3615, 0.1765



0.4657, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 52.1412, 0.3082, 0.3593 looks on a white background.

Color Contrast Check

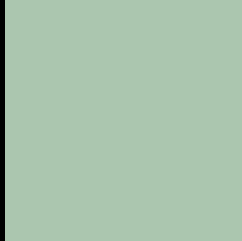
Large Text (above 18pt) WCAG AA × Fail

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 52.1412, 0.3082, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

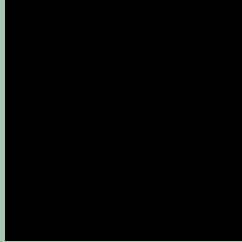
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

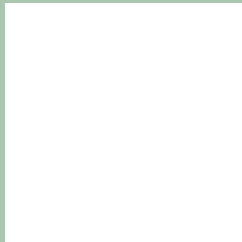
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1412, 0.3082, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 52.1412, 0.3082, 0.3593.



This preview shows how white text looks on a background with the Yxy color 52.1412, 0.3082, 0.3593.

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

52.1412, 0.3082, 0.3593

Protanopia

51.9093, 0.3351, 0.3527

Deuteranopia

51.7915, 0.3435, 0.3362



Tritanopia

52.0905, 0.2889, 0.3089

Trichromacy



Original Color

52.1412, 0.3082, 0.3593

Protanomaly

51.9373, 0.3254, 0.3558

Deuteranomaly

51.5753, 0.3296, 0.3440

Tritanomaly

52.1754, 0.2957, 0.3264

Monochromacy



Original Color

52.1412, 0.3082, 0.3593

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5043, 0.3106, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1412, 0.3082, 0.3593 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(171, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 175)  
}
```

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(171, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.1412, 0.3082, 0.3593 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(171, 198, 175) }
```

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

```
.border{ border-color:rgb(171, 198, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(171, 198,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1412, 0.3082, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 175) }
```

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

```
.background{ background-color: rgb(171,  
198, 175) }
```

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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