

Converting Colors

$Yxy(52.5211, 0.3078, 0.3565)$

Have a look what the booklet for
Yxy(52.5211, 0.3078, 0.3565)
contains.

Yxy(52.4467, 0.3083, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4467, 0.3083, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	ADC6B1
RGB	173, 198, 177
RGB Percent	68%, 78%, 69%
CMY	0.3215, 0.2235, 0.3058
CMYK	0.13, 0.00, 0.11, 0.22
HSL	130°, 18%, 73%
HSV	130°, 13%, 78%
XYZ	45.3685, 52.4467, 49.3417
YIQ	188.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

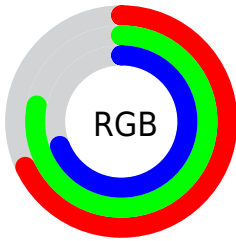
Format	Color
RYB	173, 195, 198
Decimal	11388593
CIELab	77.55, -12.46, 7.67
CIELCh	78, 14.632, 148.395
Yxy	52.4467, 0.3083, 0.3564
Android (android.graphics.Color)	4289578673 (0xFFADC6B1)
YUV	188.1310, -5.4876, -13.2699
Hunter-Lab	72.4201, -14.9117, 10.2982

Details

The Yxy color **52.4467, 0.3083, 0.3564** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7939, 0.3175, 0.3031**, and the grayscale version is **50.4066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0612, 0.3092, 0.3513**, and **25.3948, 0.3069, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **49.7331, 0.3048, 0.3813**, and if you desaturate by 10%, it is **55.5800, 0.3118, 0.3343**.

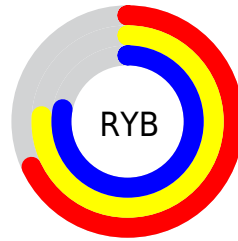
Distribution



Red (68%)

Green (78%)

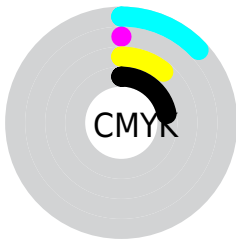
Blue (69%)



Red (68%)

Yellow (76%)

Blue (78%)

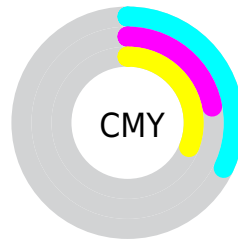


Cyan (13%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (32%)


Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4467, 0.3083, 0.3564 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 52.4467, 0.3083, 0.3564 by changing the saturation by 10% instead.

 52.4467, 0.3083,
0.3564

 52.4467, 0.3083,
0.3564


396.1587, 0.3106,
0.3427

 37.3613, 0.3077,
0.3598


 93.7897, 0.3092,
0.3514

 25.4873, 0.3069,
0.3642


120.8160, 0.3095,
0.3496

 16.4405, 0.3059,
0.3700

152.5915, 0.3097,
0.3480

 9.8364, 0.3043,
0.3782

189.5004, 0.3100,
0.3466

 5.2906, 0.3019,
0.3904

231.9271, 0.3101,
0.3455

 2.4188, 0.2977,
0.4105

280.2562, 0.3103,

 0.8355, 0.2883,

0.3444

0.4918

334.8719, 0.3105,
0.3435

0.0000, 0.0000,
0.0000

52.4467, 0.3083,
0.3564

52.4467, 0.3083,
0.3564

49.7331, 0.3048,
0.3813

55.5800, 0.3118,
0.3343

47.4150, 0.3014,
0.4088

59.1427, 0.3152,
0.3150

45.4757, 0.2983,
0.4386

63.1528, 0.3184,
0.2981

43.8950, 0.2957,
0.4697

67.6251, 0.3215,
0.2835

42.6506, 0.2939,
0.5008

68.8671, 0.3153,
0.2732

■ 41.7177, 0.2932,
0.5300

■ 41.0680, 0.2936,
0.5555

■ 40.6679, 0.2950,
0.5756

■ 40.4903, 0.2963,
0.5865

Harmonies

Analogous

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



52.4467, 0.3280, 0.3636



52.4467, 0.3083, 0.3564



52.4467, 0.2902, 0.3411

Triad

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



52.4467, 0.3083, 0.3564



52.4467, 0.2820, 0.2976



52.4467, 0.3483, 0.3335

Complementary

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



52.4467, 0.3083, 0.3564



45.7939, 0.3175, 0.3031

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.



52.4467, 0.3353, 0.3170



52.4467, 0.3083, 0.3564



52.4467, 0.2968, 0.2966

Square

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



52.4467, 0.3083, 0.3564



52.4467, 0.2754, 0.3069



52.4467, 0.3162, 0.3037



52.4467, 0.3515, 0.3495

Rectangle

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



52.4467, 0.3083, 0.3564



52.4467, 0.2814, 0.3289



52.4467, 0.3162, 0.3037



52.4467, 0.3449, 0.3279

Sweetspot

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



52.4489, 0.3083, 0.3564



97.5773, 0.3113, 0.3373



54.9075, 0.3283, 0.3601



20.7910, 0.3110, 0.3390



0.0000, 0.0000, 0.0000



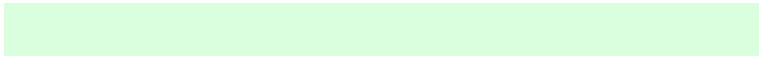
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4489, 0.3083, 0.3564



91.5554, 0.3074, 0.3626



52.9586, 0.2997, 0.3402



11.9152, 0.3094, 0.3490



26.3410, 0.2958, 0.5849



1.2562, 0.2862, 0.5505

Inverse Universe

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



45.7939, 0.3175, 0.3031



77.5876, 0.3186, 0.2975



45.2670, 0.3278, 0.3181



10.7862, 0.3162, 0.3098



9.6136, 0.3657, 0.1788



0.4633, 0.3549, 0.1729

Previews

White Background



This preview shows how the Yxy color 52.4467, 0.3083, 0.3564 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 52.4467, 0.3083, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

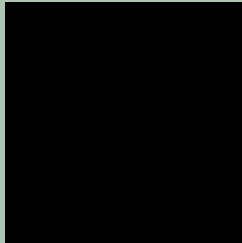
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

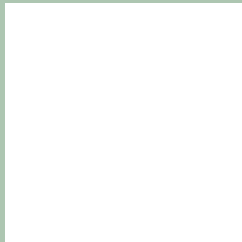
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4467, 0.3083, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 52.4467, 0.3083, 0.3564.



This preview shows how white text looks on a background with the Yxy color 52.4467, 0.3083, 0.3564.

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

52.4467, 0.3083, 0.3564

Protanopia

52.4208, 0.3333, 0.3514

Deuteranopia

52.2894, 0.3416, 0.3350



Tritanopia

52.2084, 0.2896, 0.3090

Trichromacy



Original Color

52.4467, 0.3083, 0.3564

Protanomaly

52.5867, 0.3246, 0.3543

Deuteranomaly

52.2237, 0.3287, 0.3426

Tritanomaly

52.2915, 0.2965, 0.3264

Monochromacy



Original Color

52.4467, 0.3083, 0.3564

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2272, 0.3114, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4467, 0.3083, 0.3564 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, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 177)  
}
```

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, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.4467, 0.3083, 0.3564 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, 198, 177) }
```

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

```
.border{ border-color:rgb(173, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4467, 0.3083, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 177) }
```

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

```
.background{ background-color: rgb(173,  
198, 177) }
```

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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