

Converting Colors

Yxy(53.2500, 0.3237, 0.4097)

Have a look what the booklet for
Yxy(53.2500, 0.3237, 0.4097)
contains.

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Color

Yxy(53.1226, 0.3233, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	A4CC91
RGB	164, 204, 145
RGB Percent	64%, 80%, 57%
CMY	0.3567, 0.2000, 0.4313
CMYK	0.20, 0.00, 0.29, 0.20
HSL	101°, 37%, 68%
HSV	101°, 29%, 80%
XYZ	42.0224, 53.1226, 34.8345
YIQ	185.3140, -4.9010, -26.8290

Conversions

Conversions Part 2

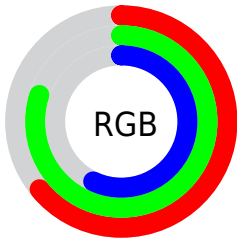
Format	Color
RYB	145, 204, 185
Decimal	10800273
CIELab	77.95, -24.04, 25.19
CIELCh	78, 34.821, 133.661
Yxy	53.1226, 0.3233, 0.4087
Android (android.graphics.Color)	4288990353 (0xFFA4CC91)
YUV	185.3140, -19.8748, -18.6924
Hunter-Lab	72.8853, -24.6341, 22.6828

Details

The Yxy color **53.1226, 0.3233, 0.4087** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.9260, 0.2980, 0.2537**, and the grayscale version is **48.8214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8592, 0.3230, 0.3882**, and **26.0004, 0.3244, 0.4329** is the 20% darker color. If you saturate the color by 10%, you get **51.1593, 0.3261, 0.4403**, and if you desaturate by 10%, it is **55.3632, 0.3199, 0.3789**.

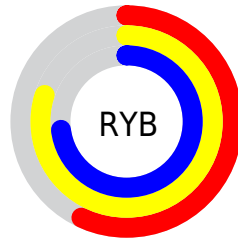
Distribution



Red (64%)

Green (80%)

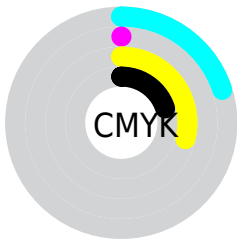
Blue (57%)



Red (57%)

Yellow (80%)

Blue (73%)

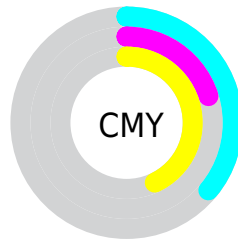


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (20%)



Cyan (36%)


Magenta (20%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1226, 0.3233, 0.4087 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 53.1226, 0.3233, 0.4087 by changing the saturation by 10% instead.


 53.1226, 0.3233,
0.4087


 53.1226, 0.3233,
0.4087


398.7553, 0.3191,
0.3682

 37.9006, 0.3240,
0.4190


 94.7847, 0.3220,
0.3939

 25.9056, 0.3247,
0.4322


 121.9937, 0.3215,
0.3883

 16.7530, 0.3252,
0.4499


153.9672, 0.3210,
0.3836

 10.0586, 0.3251,
0.4746

191.0895, 0.3205,
0.3796

 5.4378, 0.3233,
0.5111

233.7451, 0.3201,
0.3762

 2.5064, 0.3234,
0.5830

282.3183, 0.3197,

 0.8798, 0.2209,

0.3732

0.7791

337.1936, 0.3194,
0.3705

0.0000, 0.0000,
0.0000

53.1226, 0.3233,
0.4087

53.1226, 0.3233,
0.4087

51.1593, 0.3261,
0.4403

55.3632, 0.3199,
0.3789

49.4553, 0.3279,
0.4725

57.8847, 0.3162,
0.3513

48.0009, 0.3285,
0.5039

60.6992, 0.3123,
0.3264


46.7832, 0.3276,
0.5326


63.8162, 0.3084,
0.3041


45.7878, 0.3252,
0.5567

67.2445, 0.3046,
0.2844

 44.9984, 0.3212,
0.5747

 70.1670, 0.3092,
0.2782

 44.3921, 0.3162,
0.5864

 71.6620, 0.3151,
0.2791

 44.3343, 0.3157,
0.5875

Harmonies

Analogous

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



53.1226, 0.3674, 0.4110



53.1226, 0.3233, 0.4087



53.1226, 0.2784, 0.3792

Triad

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



53.1226, 0.3233, 0.4087



53.1226, 0.2328, 0.2635



53.1226, 0.3850, 0.3184

Complementary

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



53.1226, 0.3233, 0.4087



34.9260, 0.2980, 0.2537

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.



53.1226, 0.3441, 0.2854



53.1226, 0.3233, 0.4087



53.1226, 0.2567, 0.2542

Square

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



53.1226, 0.3233, 0.4087



53.1226, 0.2283, 0.2913



53.1226, 0.2966, 0.2625



53.1226, 0.4052, 0.3557

Rectangle

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



53.1226, 0.3233, 0.4087



53.1226, 0.2539, 0.3496



53.1226, 0.2966, 0.2625



53.1226, 0.3731, 0.3066

Sweetspot

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



53.1249, 0.3233, 0.4087



95.7792, 0.3163, 0.3519



49.3016, 0.3623, 0.3782



20.3628, 0.3168, 0.3558



0.0000, 0.0000, 0.0000



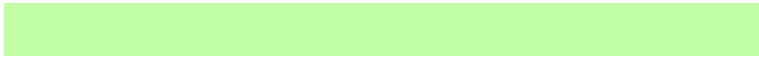
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1249, 0.3233, 0.4087



85.8064, 0.3252, 0.4292



51.5651, 0.3023, 0.3980



12.7098, 0.3164, 0.3526



27.9518, 0.3167, 0.5868



1.4829, 0.3322, 0.5744

Inverse Universe

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



34.9260, 0.2980, 0.2537



50.6026, 0.2937, 0.2357



36.9958, 0.3252, 0.2687



11.2153, 0.3087, 0.3058



6.2060, 0.2415, 0.1104



0.3599, 0.2574, 0.1192

Previews

White Background



This preview shows how the Yxy color 53.1226, 0.3233, 0.4087 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 53.1226, 0.3233, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

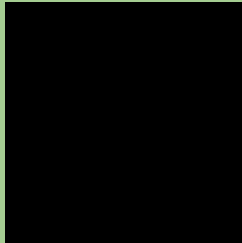
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1226, 0.3233, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 53.1226, 0.3233, 0.4087.



This preview shows how white text looks on a background with the Yxy color 53.1226, 0.3233, 0.4087.

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

53.1226, 0.3233, 0.4087

Protanopia

52.8581, 0.3664, 0.3927

Deuteranopia

52.4585, 0.3781, 0.3699



Tritanopia

52.7320, 0.2855, 0.3089

Trichromacy



Original Color

53.1226, 0.3233, 0.4087

Protanomaly

52.5092, 0.3495, 0.3981

Deuteranomaly

52.0962, 0.3568, 0.3825

Tritanomaly

52.5221, 0.2990, 0.3433

Monochromacy



Original Color

53.1226, 0.3233, 0.4087

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9487, 0.3171, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1226, 0.3233, 0.4087 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(164, 204, 145)` looks like.

```
.text, #text, p{  
    color:rgb(164, 204, 145)  
}
```

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(164, 204, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 204, 145) }
```

Border

The CSS property to change the border of an element to Yxy 53.1226, 0.3233, 0.4087 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(164, 204, 145) }
```

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

```
.border{ border-color:rgb(164, 204, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 204, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 204, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 204, 145);  
box-shadow:4px 4px 4px 4px rgb(164, 204,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1226, 0.3233, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 204, 145) }
```

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

```
.background{ background-color: rgb(164,  
204, 145) }
```

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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