

Converting Colors

$Yxy(50.5253, 0.3260, 0.4096)$

Have a look what the booklet for
Yxy(50.5253, 0.3260, 0.4096)
contains.

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Color

Yxy(50.5268, 0.3267, 0.4100)

Conversions

Conversions Part 1

Format	Color
Hex	A3C78C
RGB	163, 199, 140
RGB Percent	64%, 78%, 55%
CMY	0.3608, 0.2196, 0.4509
CMYK	0.18, 0.00, 0.30, 0.22
HSL	97°, 34%, 66%
HSV	97°, 30%, 78%
XYZ	40.2612, 50.5268, 32.4481
YIQ	181.5100, -2.5170, -25.9810

Conversions

Conversions Part 2

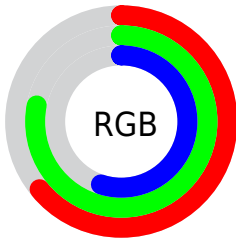
Format	Color
RYB	140, 199, 176
Decimal	10733452
CIELab	76.39, -22.73, 25.71
CIElCh	76, 34.315, 131.485
Yxy	50.5268, 0.3267, 0.4100
Android (android.graphics.Color)	4288923532 (0xFFA3C78C)
YUV	181.5100, -20.4644, -16.2333
Hunter-Lab	71.0822, -23.2908, 22.6925

Details

The Yxy color **50.5268, 0.3267, 0.4100** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.1190, 0.2938, 0.2510**, and the grayscale version is **46.6142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4751, 0.3252, 0.3938**, and **24.2871, 0.3289, 0.4351** is the 20% darker color. If you saturate the color by 10%, you get **48.7725, 0.3305, 0.4409**, and if you desaturate by 10%, it is **52.5149, 0.3223, 0.3805**.

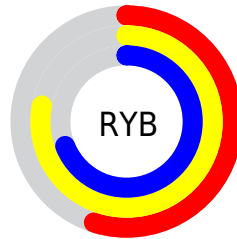
Distribution



Red (64%)

Green (78%)

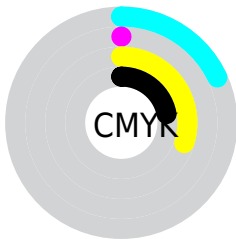
Blue (55%)



Red (55%)

Yellow (78%)

Blue (69%)

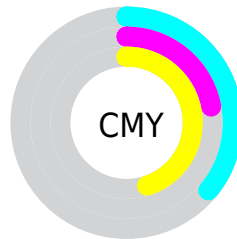


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (36%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5268, 0.3267, 0.4100 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 50.5268, 0.3267, 0.4100 by changing the saturation by 10% instead.

 50.5268, 0.3267,
0.4100

 50.5268, 0.3267,
0.4100


388.7225, 0.3208,
0.3685

 35.8322, 0.3278,
0.4206


 90.9549, 0.3248,
0.3947

 24.3046, 0.3290,
0.4343

 117.4572, 0.3240,
0.3891

 15.5597, 0.3301,
0.4527


 148.6641, 0.3233,
0.3843

 9.2131, 0.3308,
0.4785

184.9601, 0.3227,
0.3802

 4.8805, 0.3298,
0.5169

226.7295, 0.3221,
0.3767

 2.1773, 0.3401,
0.6098

274.3568, 0.3216,

 0.7076, 0.1425,

0.3736

0.8575

328.2263, 0.3212,
0.3709

0.0000, 0.0000,
0.0000

50.5268, 0.3267,
0.4100

50.5268, 0.3267,
0.4100

48.7725, 0.3305,
0.4409

52.5149, 0.3223,
0.3805

47.2362, 0.3332,
0.4722

54.7388, 0.3175,
0.3531

45.9102, 0.3345,
0.5024

57.2088, 0.3125,
0.3281

44.7839, 0.3342,
0.5299

59.9327, 0.3076,
0.3056

43.8451, 0.3320,
0.5529

62.9178, 0.3029,
0.2855

■ 43.0804, 0.3280,
0.5701

■ 65.8831, 0.3013,
0.2718

■ 42.4682, 0.3228,
0.5817

■ 68.0326, 0.3102,
0.2733

■ 42.4483, 0.3226,
0.5821

■ 69.3291, 0.3153,
0.2742

Harmonies

Analogous

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



50.5268, 0.3703, 0.4103



50.5268, 0.3267, 0.4100



50.5268, 0.2813, 0.3822

Triad

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



50.5268, 0.3267, 0.4100



50.5268, 0.2316, 0.2648



50.5268, 0.3828, 0.3158

Complementary

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



50.5268, 0.3267, 0.4100



32.1190, 0.2938, 0.2510

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.



50.5268, 0.3407, 0.2832



50.5268, 0.3267, 0.4100



50.5268, 0.2542, 0.2542

Square

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



50.5268, 0.3267, 0.4100



50.5268, 0.2287, 0.2939



50.5268, 0.2933, 0.2612



50.5268, 0.4048, 0.3530

Rectangle

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



50.5268, 0.3267, 0.4100



50.5268, 0.2561, 0.3530



50.5268, 0.2933, 0.2612



50.5268, 0.3703, 0.3041

Sweetspot

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



50.5290, 0.3267, 0.4100



96.0479, 0.3172, 0.3518



44.8567, 0.3650, 0.3747



20.4287, 0.3179, 0.3557



0.0000, 0.0000, 0.0000



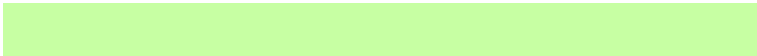
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5290, 0.3267, 0.4100



86.3076, 0.3294, 0.4312



48.4989, 0.3047, 0.4058



12.0859, 0.3173, 0.3525



27.3410, 0.3236, 0.5813



1.3363, 0.3406, 0.5678

Inverse Universe

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



32.1190, 0.2938, 0.2510



48.5834, 0.2882, 0.2315



34.7594, 0.3218, 0.2627



10.6025, 0.3077, 0.3058



5.3400, 0.2263, 0.1020



0.2938, 0.2460, 0.1129

Previews

White Background



This preview shows how the Yxy color 50.5268, 0.3267, 0.4100 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 50.5268, 0.3267, 0.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

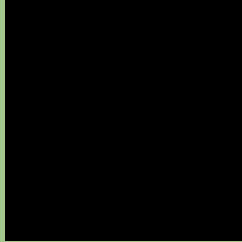
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5268, 0.3267, 0.4100

Background



This preview shows how black text looks on a background with the Yxy color 50.5268, 0.3267, 0.4100.



This preview shows how white text looks on a background with the Yxy color 50.5268, 0.3267, 0.4100.

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

50.5268, 0.3267, 0.4100

Protanopia

50.2723, 0.3674, 0.3954

Deuteranopia

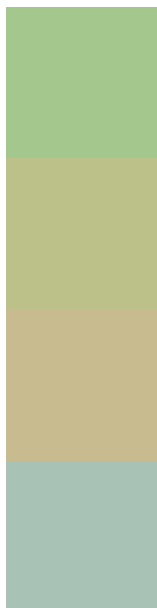
50.0283, 0.3803, 0.3718



Tritanopia

50.6021, 0.2879, 0.3099

Trichromacy



Original Color

50.5268, 0.3267, 0.4100

Protanomaly

50.1968, 0.3519, 0.4005

Deuteranomaly

49.8032, 0.3594, 0.3846

Tritanomaly

50.3960, 0.3017, 0.3448

Monochromacy



Original Color

50.5268, 0.3267, 0.4100

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.8704, 0.3180, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5268, 0.3267, 0.4100 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(163, 199, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 140)  
}
```

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(163, 199, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 140) }
```

Border

The CSS property to change the border of an element to Yxy 50.5268, 0.3267, 0.4100 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(163, 199, 140) }
```

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

```
.border{ border-color:rgb(163, 199, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5268, 0.3267, 0.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 140) }
```

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

```
.background{ background-color: rgb(163,  
199, 140) }
```

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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