

Converting Colors

Yxy(50.7507, 0.3183, 0.4134)

Have a look what the booklet for
Yxy(50.7507, 0.3183, 0.4134)
contains.

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Color

Yxy(50.5664, 0.3186, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	9AC98D
RGB	154, 201, 141
RGB Percent	60%, 79%, 55%
CMY	0.3959, 0.2118, 0.4471
CMYK	0.23, 0.00, 0.30, 0.21
HSL	107°, 36%, 67%
HSV	107°, 30%, 79%
XYZ	39.0273, 50.5664, 32.9025
YIQ	180.1070, -8.7520, -28.6240

Conversions

Conversions Part 2

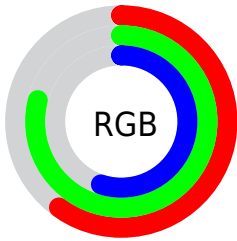
Format	Color
RYB	141, 201, 188
Decimal	10144141
CIELab	76.42, -26.71, 25.13
CIELCh	76, 36.672, 136.750
Yxy	50.5664, 0.3186, 0.4128
Android (android.graphics.Color)	4288334221 (0xFF9AC98D)
YUV	180.1070, -19.2798, -22.8958
Hunter-Lab	71.1101, -26.4766, 22.3437

Details

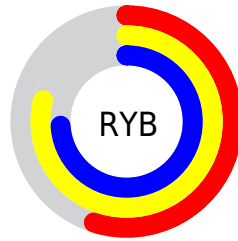
The Yxy color **50.5664, 0.3186, 0.4128** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9519, 0.3035, 0.2526**, and the grayscale version is **45.8169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0154, 0.3182, 0.3940**, and **24.4304, 0.3192, 0.4391** is the 20% darker color. If you saturate the color by 10%, you get **48.5793, 0.3197, 0.4455**, and if you desaturate by 10%, it is **52.8687, 0.3169, 0.3820**.

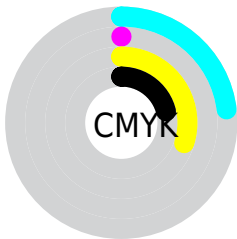
Distribution



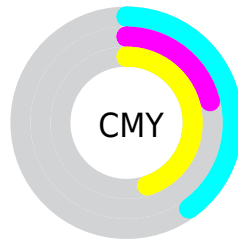
- Red (60%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (74%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)




- Cyan (40%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5664, 0.3186, 0.4128 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 50.5664, 0.3186, 0.4128 by changing the saturation by 10% instead.


 50.5664, 0.3186,
0.4128

 50.5664, 0.3186,
0.4128

388.8768, 0.3168,
0.3697

 35.8636, 0.3187,
0.4239


 91.0135, 0.3182,
0.3969

 24.3289, 0.3185,
0.4383


 117.5267, 0.3180,
0.3910

 15.5778, 0.3179,
0.4577


 148.7454, 0.3178,
0.3860

 9.2259, 0.3161,
0.4851

185.0541, 0.3175,
0.3818

 4.8888, 0.3115,
0.5264

226.8373, 0.3173,
0.3781

 2.1822, 0.3134,
0.6232

274.4791, 0.3171,

 0.7102, 0.0314,

0.3750

0.9686

328.3642, 0.3169,
0.3722

0.0000, 0.0000,
0.0000

50.5664, 0.3186,
0.4128

50.5664, 0.3186,
0.4128

48.5793, 0.3197,
0.4455

52.8687, 0.3169,
0.3820

46.8872, 0.3201,
0.4790

55.4924, 0.3149,
0.3539

45.4776, 0.3196,
0.5116


58.4519, 0.3127,
0.3286

44.3343, 0.3179,
0.5412

61.7586, 0.3104,
0.3063


43.4396, 0.3152,
0.5655


65.4233, 0.3081,
0.2866

 42.7733, 0.3116,
0.5830

 69.0242, 0.3104,
0.2754

 42.3057, 0.3077,
0.5938

 70.2508, 0.3152,
0.2762

 42.2998, 0.3077,
0.5939

Harmonies

Analogous

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



50.5664, 0.3664, 0.4179



50.5664, 0.3186, 0.4128



50.5664, 0.2714, 0.3784

Triad

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



50.5664, 0.3186, 0.4128



50.5664, 0.2293, 0.2572



50.5664, 0.3937, 0.3215

Complementary

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



50.5664, 0.3186, 0.4128



33.9519, 0.3035, 0.2526

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.



50.5664, 0.3513, 0.2857



50.5664, 0.3186, 0.4128



50.5664, 0.2566, 0.2496

Square

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



50.5664, 0.3186, 0.4128



50.5664, 0.2224, 0.2845



50.5664, 0.3004, 0.2601



50.5664, 0.4123, 0.3610

Rectangle

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



50.5664, 0.3186, 0.4128



50.5664, 0.2465, 0.3457



50.5664, 0.3004, 0.2601



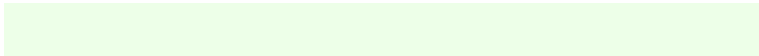
50.5664, 0.3816, 0.3088

Sweetspot

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



50.5686, 0.3186, 0.4128



95.3605, 0.3147, 0.3520



49.8790, 0.3620, 0.3869



20.2603, 0.3151, 0.3559



0.0000, 0.0000, 0.0000



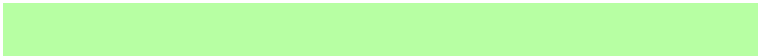
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5686, 0.3186, 0.4128



84.2586, 0.3194, 0.4344



49.8680, 0.2981, 0.3916



11.9972, 0.3148, 0.3526



26.6314, 0.3084, 0.5933



1.2938, 0.3232, 0.5816

Inverse Universe

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



33.9519, 0.3035, 0.2526



51.1542, 0.3008, 0.2350



34.9696, 0.3316, 0.2737



10.6958, 0.3104, 0.3060



7.2185, 0.2669, 0.1244



0.3715, 0.2788, 0.1309

Previews

White Background



This preview shows how the Yxy color 50.5664, 0.3186, 0.4128 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 50.5664, 0.3186, 0.4128 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 50.5664, 0.3186, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 50.5664, 0.3186, 0.4128.



This preview shows how white text looks on a background with the Yxy color 50.5664, 0.3186, 0.4128.

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

50.5664, 0.3186, 0.4128

Protanopia

50.2723, 0.3674, 0.3954

Deuteranopia

49.9025, 0.3786, 0.3708



Tritanopia

50.2527, 0.2807, 0.3084

Trichromacy



Original Color

50.5664, 0.3186, 0.4128

Protanomaly

50.2604, 0.3490, 0.4023

Deuteranomaly

49.7158, 0.3547, 0.3852

Tritanomaly

50.0680, 0.2942, 0.3437

Monochromacy



Original Color

50.5664, 0.3186, 0.4128

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.3775, 0.3155, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5664, 0.3186, 0.4128 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(154, 201, 141)` looks like.

```
.text, #text, p{  
    color:rgb(154, 201, 141)  
}
```

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(154, 201, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 201, 141) }
```

Border

The CSS property to change the border of an element to Yxy 50.5664, 0.3186, 0.4128 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(154, 201, 141) }
```

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

```
.border{ border-color:rgb(154, 201, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 201, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 201, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 201, 141); box-shadow:4px 4px 4px 4px rgb(154, 201, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5664, 0.3186, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 201, 141) }
```

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

```
.background{ background-color: rgb(154,  
201, 141) }
```

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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