

Converting Colors

Yxy(54.1528, 0.3136, 0.3900)

Have a look what the booklet for
Yxy(54.1528, 0.3136, 0.3900)
contains.

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Color

Yxy(54.0584, 0.3136, 0.3906)

Conversions

Conversions Part 1

Format	Color
Hex	A4CD9F
RGB	164, 205, 159
RGB Percent	64%, 80%, 62%
CMY	0.3568, 0.1961, 0.3765
CMYK	0.20, 0.00, 0.22, 0.20
HSL	113°, 32%, 71%
HSV	113°, 22%, 80%
XYZ	43.4017, 54.0584, 40.9382
YIQ	187.4970, -9.6700, -22.9980

Conversions

Conversions Part 2

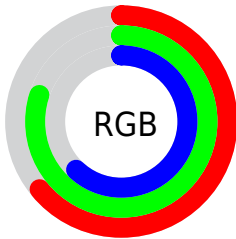
Format	Color
R _{YB}	159, 205, 200
Decimal	10800543
CIE _{Lab}	78.50, -22.28, 18.57
CIE _{LCh}	78, 29.007, 140.186
Y _{xy}	54.0584, 0.3136, 0.3906
Android (android.graphics.Color)	4288990623 (0xFFA4CD9F)
YUV	187.4970, -14.0490, -20.6069
Hunter-Lab	73.5244, -23.2985, 18.4545

Details

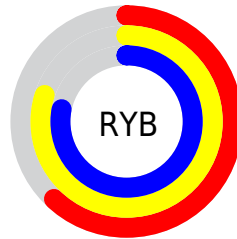
The Yxy color **54.0584, 0.3136, 0.3906** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4706, 0.3107, 0.2729**, and the grayscale version is **50.0775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4351, 0.3138, 0.3721**, and **26.5743, 0.3128, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **51.6021, 0.3136, 0.4228**, and if you desaturate by 10%, it is **56.9161, 0.3133, 0.3612**.

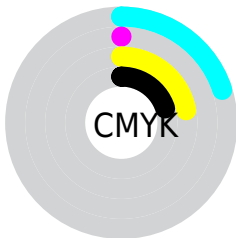
Distribution



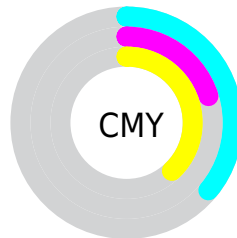
- Red (64%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)




- Cyan (36%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0584, 0.3136, 0.3906 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 54.0584, 0.3136, 0.3906 by changing the saturation by 10% instead.


 54.0584, 0.3136,
0.3906


 54.0584, 0.3136,
0.3906


402.3327, 0.3137,
0.3595

 38.6484, 0.3134,
0.3985


 96.1600, 0.3138,
0.3792

 26.4863, 0.3130,
0.4086


 123.6203, 0.3138,
0.3750

 17.1878, 0.3123,
0.4221


155.8662, 0.3138,
0.3714

 10.3685, 0.3109,
0.4411

193.2820, 0.3138,
0.3683

 5.6439, 0.3080,
0.4694

236.2522, 0.3138,
0.3657

 2.6298, 0.3013,
0.5160

285.1611, 0.3138,

 0.9417, 0.2710,

0.3633

0.7290

340.3931, 0.3138,
0.3613

0.0000, 0.0000,
0.0000

54.0584, 0.3136,
0.3906

54.0584, 0.3136,
0.3906

51.6021, 0.3136,
0.4228

56.9161, 0.3133,
0.3612

49.5226, 0.3131,
0.4570

60.1847, 0.3129,
0.3349

47.8032, 0.3122,
0.4918

63.8822, 0.3122,
0.3119

46.4234, 0.3108,
0.5249

68.0232, 0.3115,
0.2917

45.3604, 0.3089,
0.5540

72.1428, 0.3150,
0.2801

■ 44.5886, 0.3065,
0.5767

■ 44.0784, 0.3040,
0.5915

■ 43.8388, 0.3025,
0.5980

Harmonies

Analogous

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



54.0584, 0.3513, 0.3982



54.0584, 0.3136, 0.3906



54.0584, 0.2772, 0.3627

Triad

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



54.0584, 0.3136, 0.3906



54.0584, 0.2487, 0.2714



54.0584, 0.3779, 0.3274

Complementary

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



54.0584, 0.3136, 0.3906



41.4706, 0.3107, 0.2729

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.



54.0584, 0.3471, 0.2980



54.0584, 0.3136, 0.3906



54.0584, 0.2724, 0.2664

Square

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



54.0584, 0.3136, 0.3906



54.0584, 0.2412, 0.2919



54.0584, 0.3080, 0.2762



54.0584, 0.3899, 0.3588

Rectangle

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



54.0584, 0.3136, 0.3906



54.0584, 0.2583, 0.3379



54.0584, 0.3080, 0.2762



54.0584, 0.3693, 0.3171

Sweetspot

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



54.0607, 0.3136, 0.3906



96.0126, 0.3131, 0.3467



56.6197, 0.3476, 0.3785



20.4806, 0.3131, 0.3483



0.0000, 0.0000, 0.0000



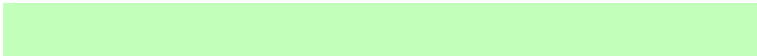
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0607, 0.3136, 0.3906



86.5011, 0.3136, 0.4061



54.1910, 0.2980, 0.3668



12.5949, 0.3132, 0.3528



27.3119, 0.3029, 0.5977



1.4293, 0.3115, 0.5908

Inverse Universe

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



41.4706, 0.3107, 0.2729



62.2573, 0.3101, 0.2603



41.3722, 0.3311, 0.2940



11.3389, 0.3121, 0.3060



9.0004, 0.2937, 0.1391



0.4826, 0.2993, 0.1422

Previews

White Background



This preview shows how the Yxy color 54.0584, 0.3136, 0.3906 looks on a white background.

Color Contrast Check

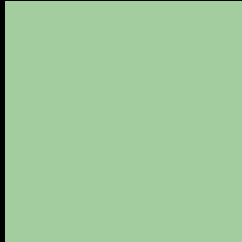
Large Text (above 18pt) WCAG AA × Fail

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 54.0584, 0.3136, 0.3906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

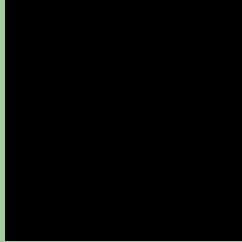
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0584, 0.3136, 0.3906

Background



This preview shows how black text looks on a background with the Yxy color 54.0584, 0.3136, 0.3906.

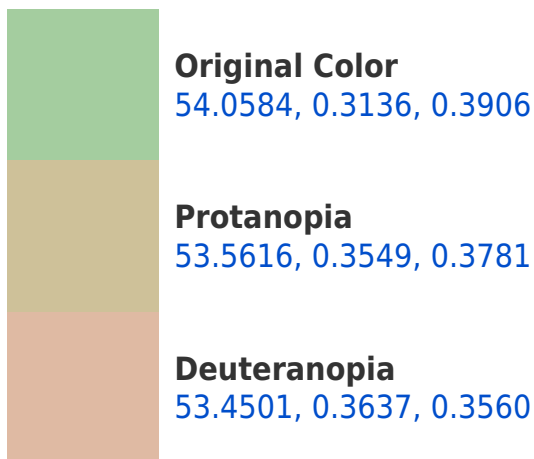


This preview shows how white text looks on a background with the Yxy color 54.0584, 0.3136, 0.3906.

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





Tritanopia

54.0765, 0.2836, 0.3103

Trichromacy



Original Color

54.0584, 0.3136, 0.3906

Protanomaly

53.3754, 0.3394, 0.3825

Deuteranomaly

53.3051, 0.3443, 0.3674

Tritanomaly

54.1696, 0.2949, 0.3392

Monochromacy



Original Color

54.0584, 0.3136, 0.3906

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3416, 0.3133, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0584, 0.3136, 0.3906 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, 205, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 159)  
}
```

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, 205, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 159) }
```

Border

The CSS property to change the border of an element to Yxy 54.0584, 0.3136, 0.3906 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, 205, 159) }
```

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

```
.border{ border-color:rgb(164, 205, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 205, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0584, 0.3136, 0.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 159) }
```

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

```
.background{ background-color: rgb(164,  
205, 159) }
```

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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