

Converting Colors

$Yxy(54.0896, 0.3093, 0.3592)$

Have a look what the booklet for
Yxy(54.0896, 0.3093, 0.3592)
contains.

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Color

Yxy(54.1016, 0.3090, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	AFC9B2
RGB	175, 201, 178
RGB Percent	69%, 79%, 70%
CMY	0.3137, 0.2118, 0.3019
CMYK	0.13, 0.00, 0.11, 0.21
HSL	127°, 19%, 74%
HSV	127°, 13%, 79%
XYZ	46.6055, 54.1016, 50.1198
YIQ	190.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

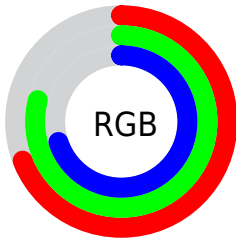
Format	Color
RYB	175, 198, 201
Decimal	11520434
CIELab	78.52, -13.14, 8.54
CIELCh	79, 15.673, 146.967
Yxy	54.1016, 0.3090, 0.3587
Android (android.graphics.Color)	4289710514 (0xFFAFC9B2)
YUV	190.6040, -6.2138, -13.6847
Hunter-Lab	73.5538, -15.6171, 11.0873

Details

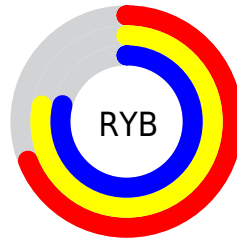
The Yxy color **54.1016, 0.3090, 0.3587** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1582, 0.3167, 0.3010**, and the grayscale version is **51.9024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4494, 0.3099, 0.3502**, and **26.4857, 0.3078, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **51.2802, 0.3061, 0.3851**, and if you desaturate by 10%, it is **57.3663, 0.3119, 0.3353**.

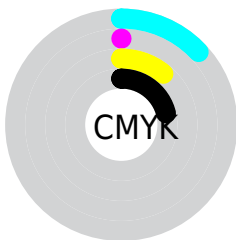
Distribution



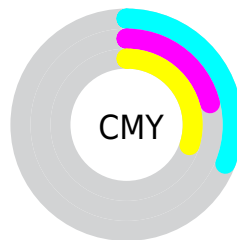
- Red (69%)
- Green (79%)
- Blue (70%)



- Red (69%)
- Yellow (78%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1016, 0.3090, 0.3587 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 54.1016, 0.3090, 0.3587 by changing the saturation by 10% instead.


 54.1016, 0.3090,
0.3587

 54.1016, 0.3090,
0.3587

402.4973, 0.3110,
0.3439

 38.6829, 0.3085,
0.3624


 96.2234, 0.3097,
0.3533

 26.5131, 0.3078,
0.3671


123.6953, 0.3100,
0.3513

 17.2079, 0.3069,
0.3733


155.9537, 0.3102,
0.3496

 10.3828, 0.3055,
0.3820

193.3830, 0.3104,
0.3482

 5.6535, 0.3034,
0.3949

236.3677, 0.3106,
0.3469

 2.6356, 0.2996,
0.4159

285.2920, 0.3107,

 0.9446, 0.2953,

0.3458

0.4843

340.5404, 0.3108,
0.3448

0.0000, 0.0000,
0.0000

54.1016, 0.3090,
0.3587

54.1016, 0.3090,
0.3587

51.2802, 0.3061,
0.3851

57.3663, 0.3119,
0.3353

48.8763, 0.3032,
0.4143

61.0849, 0.3147,
0.3148

46.8722, 0.3005,
0.4457

65.2764, 0.3172,
0.2970

45.2460, 0.2983,
0.4782

69.8786, 0.3193,
0.2816

43.9740, 0.2966,
0.5103

70.2532, 0.3152,
0.2762

■ 43.0293, 0.2958,
0.5398

■ 42.3817, 0.2960,
0.5647

■ 41.9950, 0.2970,
0.5831

■ 41.8364, 0.2978,
0.5920

Harmonies

Analogous

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



54.1016, 0.3298, 0.3658



54.1016, 0.3090, 0.3587



54.1016, 0.2897, 0.3428

Triad

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



54.1016, 0.3090, 0.3587



54.1016, 0.2796, 0.2960



54.1016, 0.3501, 0.3329

Complementary

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



54.1016, 0.3090, 0.3587



47.1582, 0.3167, 0.3010

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.



54.1016, 0.3358, 0.3155



54.1016, 0.3090, 0.3587



54.1016, 0.2949, 0.2946

Square

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



54.1016, 0.3090, 0.3587



54.1016, 0.2731, 0.3062



54.1016, 0.3154, 0.3017



54.1016, 0.3540, 0.3499

Rectangle

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



54.1016, 0.3090, 0.3587



54.1016, 0.2801, 0.3298



54.1016, 0.3154, 0.3017



54.1016, 0.3463, 0.3269

Sweetspot

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



54.1039, 0.3090, 0.3587



97.5494, 0.3116, 0.3378



56.9291, 0.3297, 0.3609



20.7840, 0.3114, 0.3395



0.0000, 0.0000, 0.0000



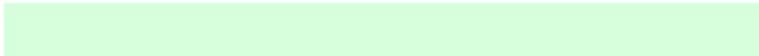
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1039, 0.3090, 0.3587



90.9574, 0.3080, 0.3671



54.6326, 0.3002, 0.3422



11.9076, 0.3100, 0.3500



26.3123, 0.2974, 0.5905



1.2528, 0.2898, 0.5633

Inverse Universe

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



47.1582, 0.3167, 0.3010



76.3731, 0.3178, 0.2937



46.6017, 0.3271, 0.3162



10.7946, 0.3155, 0.3088



9.8290, 0.3522, 0.1714



0.4716, 0.3448, 0.1673

Previews

White Background



This preview shows how the Yxy color 54.1016, 0.3090, 0.3587 looks on a white background.

Color Contrast Check

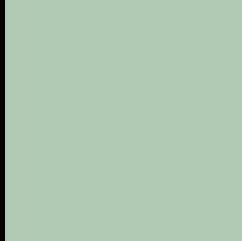
Large Text (above 18pt) WCAG AA × Fail

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 54.1016, 0.3090, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

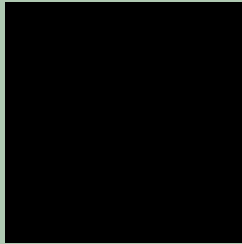
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

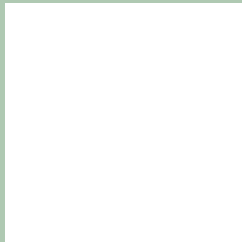
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1016, 0.3090, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 54.1016, 0.3090, 0.3587.



This preview shows how white text looks on a background with the Yxy color 54.1016, 0.3090, 0.3587.

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

54.1016, 0.3090, 0.3587

Protanopia

53.7525, 0.3348, 0.3524

Deuteranopia

53.7823, 0.3439, 0.3361



Tritanopia

54.0571, 0.2900, 0.3093

Trichromacy



Original Color

54.1016, 0.3090, 0.3587

Protanomaly

53.7815, 0.3252, 0.3554

Deuteranomaly

53.5511, 0.3302, 0.3437

Tritanomaly

54.1420, 0.2967, 0.3264

Monochromacy



Original Color

54.1016, 0.3090, 0.3587

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8897, 0.3114, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1016, 0.3090, 0.3587 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(175, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 178)  
}
```

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(175, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 178) }
```

Border

The CSS property to change the border of an element to Yxy 54.1016, 0.3090, 0.3587 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(175, 201, 178) }
```

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

```
.border{ border-color:rgb(175, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 201, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 201, 178); box-shadow:4px 4px 4px 4px rgb(175, 201, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1016, 0.3090, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 178) }
```

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

```
.background{ background-color: rgb(175,  
201, 178) }
```

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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