

Converting Colors

Yxy(54.9587, 0.3068, 0.3355)

Have a look what the booklet for
Yxy(54.9587, 0.3068, 0.3355)
contains.

Yxy(55.1362, 0.3069, 0.3364)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.1362, 0.3069, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	BAC7C1
RGB	186, 199, 193
RGB Percent	73%, 78%, 76%
CMY	0.2706, 0.2196, 0.2430
CMYK	0.07, 0.00, 0.03, 0.22
HSL	152°, 10%, 75%
HSV	152°, 7%, 78%
XYZ	50.3011, 55.1362, 58.4634
YIQ	194.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

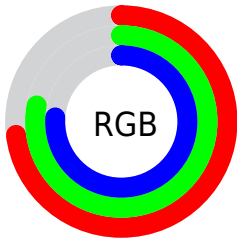
Format	Color
R_{YB}	186, 194, 199
Decimal	12240833
CIE Lab	79.12, -5.56, 1.44
CIE LCh	79, 5.747, 165.459
Yxy	55.1362, 0.3069, 0.3364
Android (android.graphics.Color)	4290430913 (0xFFBAC7C1)
YUV	194.4290, -0.7045, -7.3922
Hunter-Lab	74.2538, -9.0242, 5.2959

Details

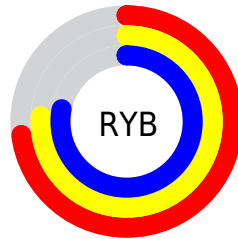
The Yxy color **55.1362, 0.3069, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0634, 0.3189, 0.3217**, and the grayscale version is **54.2250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2368, 0.3081, 0.3349**, and **27.1308, 0.3051, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **52.4221, 0.2982, 0.3488**, and if you desaturate by 10%, it is **58.2272, 0.3158, 0.3253**.

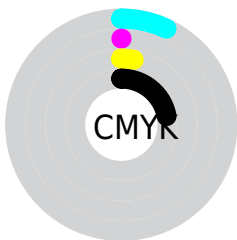
Distribution



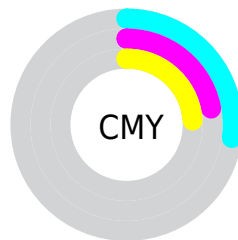
- Red (73%)
- Green (78%)
- Blue (76%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1362, 0.3069, 0.3364 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 55.1362, 0.3069, 0.3364 by changing the saturation by 10% instead.

■ 55.1362, 0.3069,
0.3364

■ 55.1362, 0.3069,
0.3364

406.4280, 0.3097,
0.3328

■ 39.5108, 0.3062,
0.3373

■ 97.7405, 0.3079,
0.3351

■ 27.1573, 0.3053,
0.3384

125.4881, 0.3083,
0.3346

■ 17.6914, 0.3042,
0.3399

158.0453, 0.3086,
0.3342

■ 10.7287, 0.3026,
0.3419

195.7964, 0.3089,
0.3338

■ 5.8847, 0.3004,
0.3448

239.1258, 0.3092,
0.3335

■ 2.7751, 0.2968,
0.3494

288.4180, 0.3094,

■ 1.0155, 0.2903,

0.3333

0.3578

344.0572, 0.3096,
0.3330

0.0000, 0.0000,
0.0000

55.1362, 0.3069,
0.3364

55.1362, 0.3069,
0.3364

52.4221, 0.2982,
0.3488

58.2272, 0.3158,
0.3253

50.0633, 0.2899,
0.3625

61.7020, 0.3247,
0.3154

48.0463, 0.2823,
0.3776

65.5761, 0.3335,
0.3067

46.3542, 0.2757,
0.3937

67.7962, 0.3338,
0.2983

44.9687, 0.2705,
0.4108

68.3214, 0.3270,
0.2894

■ 43.8694, 0.2669,
0.4286

■ 68.8738, 0.3204,
0.2808

■ 43.0334, 0.2652,
0.4466

■ 69.3279, 0.3153,
0.2742

■ 42.4341, 0.2655,
0.4644

■ 42.0371, 0.2677,
0.4816

Harmonies

Analogous

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



55.1362, 0.3145, 0.3410



55.1362, 0.3069, 0.3364



55.1362, 0.3009, 0.3298

Triad

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



55.1362, 0.3069, 0.3364



55.1362, 0.3038, 0.3160



55.1362, 0.3276, 0.3347

Complementary

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



55.1362, 0.3069, 0.3364



51.0634, 0.3189, 0.3217

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.



55.1362, 0.3246, 0.3281



55.1362, 0.3069, 0.3364



55.1362, 0.3108, 0.3174

Square

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



55.1362, 0.3069, 0.3364



55.1362, 0.2991, 0.3181



55.1362, 0.3185, 0.3218



55.1362, 0.3265, 0.3399

Rectangle

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



55.1362, 0.3069, 0.3364



55.1362, 0.2986, 0.3252



55.1362, 0.3185, 0.3218



55.1362, 0.3270, 0.3325

Sweetspot

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



55.1385, 0.3069, 0.3364



98.8957, 0.3109, 0.3312



55.6081, 0.3167, 0.3451



21.1793, 0.3110, 0.3311



0.0000, 0.0000, 0.0000



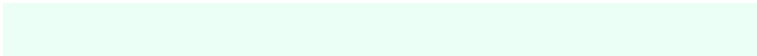
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1385, 0.3069, 0.3364



95.7459, 0.3055, 0.3383



55.2111, 0.3027, 0.3284



11.9823, 0.3044, 0.3398



26.9755, 0.2681, 0.4851



1.2918, 0.2582, 0.4494

Inverse Universe

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



51.0634, 0.3189, 0.3217



86.9770, 0.3206, 0.3199



50.9872, 0.3236, 0.3296



10.7165, 0.3219, 0.3184



8.3139, 0.5113, 0.2590



0.4082, 0.4615, 0.2316

Previews

White Background



This preview shows how the Yxy color 55.1362, 0.3069, 0.3364 looks on a white background.

Color Contrast Check

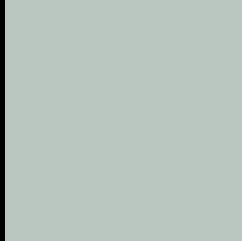
Large Text (above 18pt) WCAG AA × Fail

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 55.1362, 0.3069, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

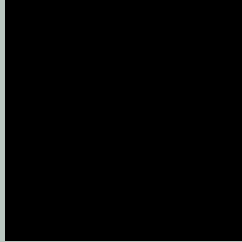
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

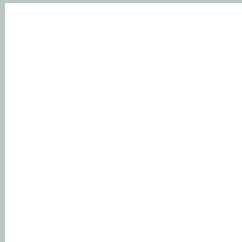
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1362, 0.3069, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 55.1362, 0.3069, 0.3364.



This preview shows how white text looks on a background with the Yxy color 55.1362, 0.3069, 0.3364.

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

55.1362, 0.3069, 0.3364

Protanopia

55.0712, 0.3197, 0.3339

Deuteranopia

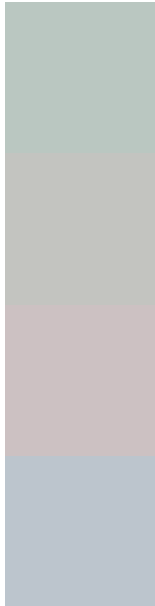
54.7824, 0.3296, 0.3221



Tritanopia

55.0521, 0.2959, 0.3096

Trichromacy



Original Color

55.1362, 0.3069, 0.3364

Protanomaly

54.8877, 0.3149, 0.3339

Deuteranomaly

54.8723, 0.3209, 0.3278

Tritanomaly

55.0316, 0.3000, 0.3192

Monochromacy



Original Color

55.1362, 0.3069, 0.3364

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4513, 0.3102, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1362, 0.3069, 0.3364 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(186, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 193)  
}
```

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(186, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 55.1362, 0.3069, 0.3364 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(186, 199, 193) }
```

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

```
.border{ border-color:rgb(186, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1362, 0.3069, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 193) }
```

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

```
.background{ background-color: rgb(186,  
199, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor