

Converting Colors

$Yxy(55.1663, 0.3108, 0.3436)$

Have a look what the booklet for
Yxy(55.1663, 0.3108, 0.3436)
contains.

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Color

Yxy(55.3785, 0.3105, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	BAC8BC
RGB	186, 200, 188
RGB Percent	73%, 78%, 74%
CMY	0.2704, 0.2157, 0.2628
CMYK	0.07, 0.00, 0.06, 0.22
HSL	128°, 11%, 76%
HSV	128°, 7%, 78%
XYZ	49.9855, 55.3785, 55.6200
YIQ	194.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

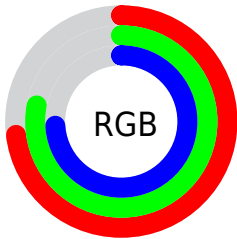
Format	Color
RYB	186, 198, 200
Decimal	12241084
CIELab	79.26, -7.01, 4.36
CIELCh	79, 8.256, 148.108
Yxy	55.3785, 0.3105, 0.3440
Android (android.graphics.Color)	4290431164 (0xFFBAC8BC)
YUV	194.4460, -3.1779, -7.4071
Hunter-Lab	74.4167, -10.3313, 7.7776

Details

The Yxy color **55.3785, 0.3105, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4915, 0.3150, 0.3144**, and the grayscale version is **54.2516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9289, 0.3110, 0.3398**, and **27.2936, 0.3098, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **52.3496, 0.3073, 0.3679**, and if you desaturate by 10%, it is **58.8513, 0.3137, 0.3229**.

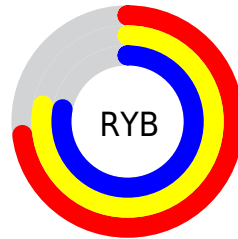
Distribution



Red (73%)

Green (78%)

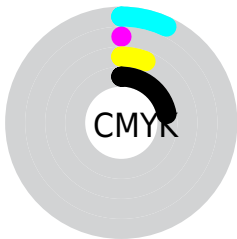
Blue (74%)



Red (73%)

Yellow (78%)

Blue (78%)

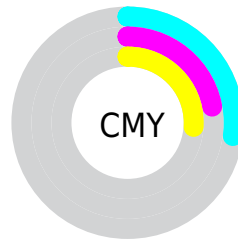


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3785, 0.3105, 0.3440 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 55.3785, 0.3105, 0.3440 by changing the saturation by 10% instead.

■ 55.3785, 0.3105,
0.3440

■ 55.3785, 0.3105,
0.3440

407.3451, 0.3116,
0.3366

■ 39.7048, 0.3102,
0.3458

■ 98.0953, 0.3109,
0.3414

■ 27.3085, 0.3099,
0.3481

125.9072, 0.3111,
0.3404

■ 17.8050, 0.3094,
0.3511

158.5340, 0.3112,
0.3395

■ 10.8101, 0.3087,
0.3552

196.3601, 0.3113,
0.3388

■ 5.9393, 0.3077,
0.3613

239.7699, 0.3114,
0.3381

■ 2.8082, 0.3060,
0.3709

289.1477, 0.3115,


■ 1.0324, 0.3034,


0.3376


0.3901


344.8780, 0.3116,
0.3371

 0.0000, 0.0000,
0.0000

 55.3785, 0.3105,
0.3440


 55.3785, 0.3105,
0.3440


 52.3496, 0.3073,
0.3679


 58.8513, 0.3137,
0.3229


 49.7399, 0.3040,
0.3947


 62.7775, 0.3167,
0.3046

 47.5330, 0.3010,
0.4241

 67.1752, 0.3195,
0.2887

 45.7087, 0.2982,
0.4553

 69.7873, 0.3152,
0.2752

 44.2451, 0.2961,
0.4873

■ 43.1180, 0.2948,
0.5182

■ 42.3001, 0.2945,
0.5461

■ 41.7600, 0.2952,
0.5690

■ 41.4564, 0.2967,
0.5855

Harmonies

Analogous

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



55.3785, 0.3214, 0.3479



55.3785, 0.3105, 0.3440



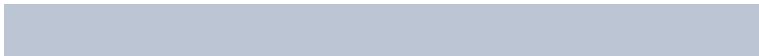
55.3785, 0.3003, 0.3358

Triad

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



55.3785, 0.3105, 0.3440



55.3785, 0.2955, 0.3115



55.3785, 0.3323, 0.3316

Complementary

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



55.3785, 0.3105, 0.3440



51.4915, 0.3150, 0.3144

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.



55.3785, 0.3251, 0.3222



55.3785, 0.3105, 0.3440



55.3785, 0.3038, 0.3108

Square

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



55.3785, 0.3105, 0.3440



55.3785, 0.2918, 0.3170



55.3785, 0.3147, 0.3147



55.3785, 0.3341, 0.3406

Rectangle

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



55.3785, 0.3105, 0.3440



55.3785, 0.2953, 0.3292



55.3785, 0.3147, 0.3147



55.3785, 0.3304, 0.3285

Sweetspot

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



55.3809, 0.3105, 0.3440



98.7660, 0.3121, 0.3332



56.8782, 0.3215, 0.3460



21.1529, 0.3121, 0.3330



0.0000, 0.0000, 0.0000



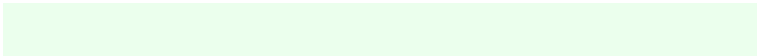
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3809, 0.3105, 0.3440



95.2545, 0.3101, 0.3466



55.6855, 0.3056, 0.3353



11.9115, 0.3097, 0.3495



26.3263, 0.2966, 0.5878



1.2546, 0.2879, 0.5565

Inverse Universe

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



51.4915, 0.3150, 0.3144



87.4861, 0.3154, 0.3120



51.1803, 0.3204, 0.3228



10.7902, 0.3159, 0.3093



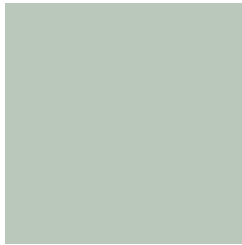
9.7148, 0.3592, 0.1752



0.4672, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 55.3785, 0.3105, 0.3440 looks on a white background.

Color Contrast Check

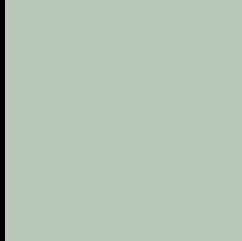
Large Text (above 18pt) WCAG AA × Fail

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 55.3785, 0.3105, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

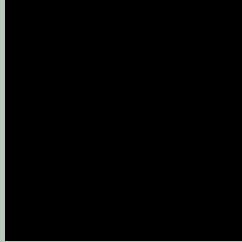
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

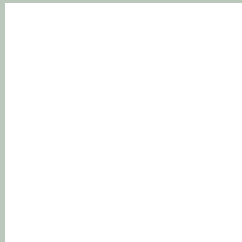
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3785, 0.3105, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 55.3785, 0.3105, 0.3440.



This preview shows how white text looks on a background with the Yxy color 55.3785, 0.3105, 0.3440.

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

55.3785, 0.3105, 0.3440

Protanopia

55.0896, 0.3259, 0.3412

Deuteranopia

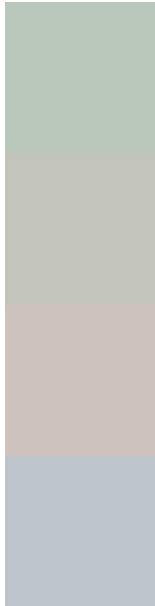
55.2963, 0.3352, 0.3291



Tritanopia

55.1805, 0.2966, 0.3097

Trichromacy



Original Color

55.3785, 0.3105, 0.3440

Protanomaly

55.2134, 0.3201, 0.3425

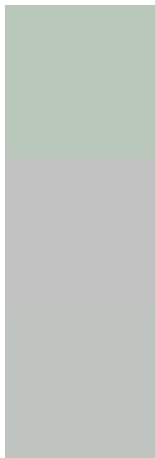
Deuteranomaly

55.3795, 0.3263, 0.3350

Tritanomaly

55.0631, 0.3022, 0.3216

Monochromacy



Original Color

55.3785, 0.3105, 0.3440

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3620, 0.3117, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3785, 0.3105, 0.3440 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, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 188)  
}
```

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, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.3785, 0.3105, 0.3440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

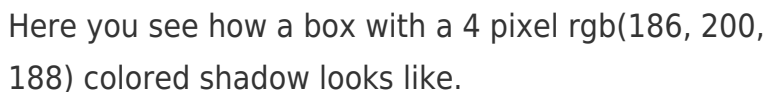
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 200, 188) }
```

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

```
.border{ border-color:rgb(186, 200, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 200, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 200, 188); box-shadow:4px 4px 4px 4px rgb(186, 200, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3785, 0.3105, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 188) }
```

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

```
.background{ background-color: rgb(186,  
200, 188) }
```

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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