

Converting Colors

Yxy(55.6349, 0.3091, 0.3402)

Have a look what the booklet for
Yxy(55.6349, 0.3091, 0.3402)
contains.

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Color

Yxy(55.6349, 0.3091, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	BBC8BF
RGB	187, 200, 191
RGB Percent	73%, 78%, 75%
CMY	0.2667, 0.2157, 0.2511
CMYK	0.07, 0.00, 0.05, 0.22
HSL	138°, 11%, 76%
HSV	138°, 7%, 78%
XYZ	50.5489, 55.6349, 57.3520
YIQ	195.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

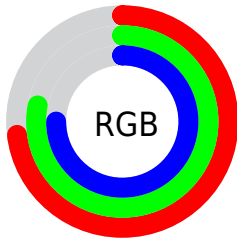
Format	Color
RYB	187, 197, 200
Decimal	12306623
CIELab	79.41, -6.13, 2.97
CIELCh	79, 6.814, 154.138
Yxy	55.6349, 0.3091, 0.3402
Android (android.graphics.Color)	4290496703 (0xFFBBC8BF)
YUV	195.0870, -2.0149, -7.0923
Hunter-Lab	74.5888, -9.5607, 6.6235

Details

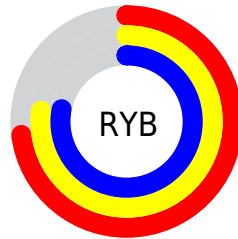
The Yxy color **55.6349, 0.3091, 0.3402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8062, 0.3165, 0.3181**, and the grayscale version is **54.6423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2901, 0.3099, 0.3368**, and **27.4611, 0.3079, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **52.7056, 0.3036, 0.3592**, and if you desaturate by 10%, it is **58.9781, 0.3146, 0.3234**.

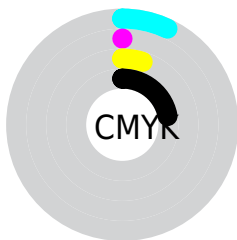
Distribution



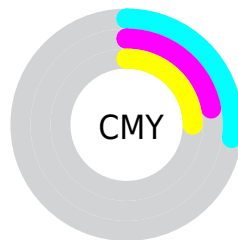
- Red (73%)
- Green (78%)
- Blue (75%)



- Red (73%)
- Yellow (77%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)




- Cyan (27%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6349, 0.3091, 0.3402 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 55.6349, 0.3091, 0.3402 by changing the saturation by 10% instead.


 55.6349, 0.3091,
0.3402

 55.6349, 0.3091,
0.3402


408.3141, 0.3109,
0.3347

 39.9103, 0.3087,
0.3415


 98.4706, 0.3097,
0.3382

 27.4686, 0.3081,
0.3432


126.3504, 0.3100,
0.3375

 17.9255, 0.3074,
0.3455


159.0507, 0.3102,
0.3369

 10.8965, 0.3064,
0.3485

196.9560, 0.3104,
0.3363

 5.9973, 0.3049,
0.3529

240.4506, 0.3105,
0.3358

 2.8434, 0.3026,
0.3600

289.9189, 0.3107,

 1.0505, 0.2982,

0.3354

0.3730

345.7452, 0.3108,
0.3351

0.0000, 0.0000,
0.0000

55.6349, 0.3091,
0.3402

55.6349, 0.3091,
0.3402

52.7056, 0.3036,
0.3592

58.9781, 0.3146,
0.3234

50.1672, 0.2982,
0.3805

62.7434, 0.3201,
0.3086

48.0048, 0.2933,
0.4038

66.9473, 0.3253,
0.2956

46.2001, 0.2890,
0.4290

69.2563, 0.3213,
0.2831

44.7331, 0.2858,
0.4553

69.7922, 0.3152,
0.2752

■ 43.5818, 0.2838,
0.4820

■ 42.7215, 0.2835,
0.5080

■ 42.1236, 0.2848,
0.5319

■ 41.7516, 0.2876,
0.5526

Harmonies

Analogous

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



55.6349, 0.3182, 0.3443



55.6349, 0.3091, 0.3402



55.6349, 0.3011, 0.3330

Triad

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



55.6349, 0.3091, 0.3402



55.6349, 0.2996, 0.3141



55.6349, 0.3295, 0.3328

Complementary

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



55.6349, 0.3091, 0.3402



51.8062, 0.3165, 0.3181

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.



55.6349, 0.3244, 0.3249



55.6349, 0.3091, 0.3402



55.6349, 0.3071, 0.3143

Square

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



55.6349, 0.3091, 0.3402



55.6349, 0.2957, 0.3179



55.6349, 0.3162, 0.3182



55.6349, 0.3300, 0.3398

Rectangle

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



55.6349, 0.3091, 0.3402



55.6349, 0.2974, 0.3275



55.6349, 0.3162, 0.3182



55.6349, 0.3283, 0.3302

Sweetspot

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



55.6373, 0.3091, 0.3402



98.8197, 0.3116, 0.3324



56.6497, 0.3191, 0.3449



21.1638, 0.3116, 0.3322



0.0000, 0.0000, 0.0000



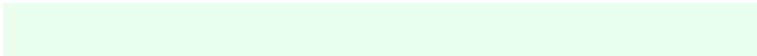
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6373, 0.3091, 0.3402



95.4558, 0.3082, 0.3431



55.9264, 0.3045, 0.3322



11.9405, 0.3075, 0.3454



26.4954, 0.2879, 0.5565



1.2677, 0.2757, 0.5127

Inverse Universe

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



51.8062, 0.3165, 0.3181



87.2721, 0.3175, 0.3153



51.5198, 0.3216, 0.3258



10.7592, 0.3183, 0.3131



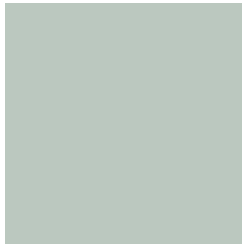
9.0053, 0.4158, 0.2064



0.4389, 0.3915, 0.1930

Previews

White Background



This preview shows how the Yxy color 55.6349, 0.3091, 0.3402 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 55.6349, 0.3091, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

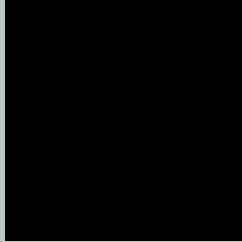
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

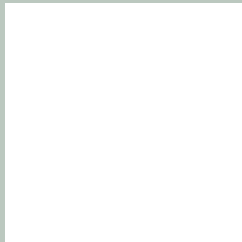
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6349, 0.3091, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 55.6349, 0.3091, 0.3402.



This preview shows how white text looks on a background with the Yxy color 55.6349, 0.3091, 0.3402.

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

55.6349, 0.3091, 0.3402

Protanopia

55.7105, 0.3228, 0.3375

Deuteranopia

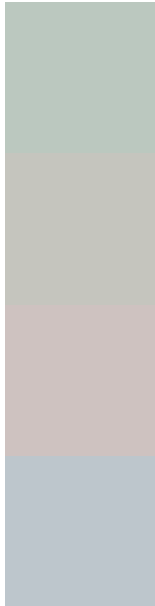
55.4289, 0.3328, 0.3256



Tritanopia

55.6331, 0.2967, 0.3109

Trichromacy



Original Color

55.6349, 0.3091, 0.3402

Protanomaly

55.5205, 0.3179, 0.3375

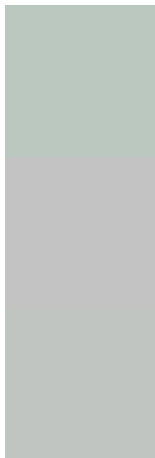
Deuteranomaly

55.5112, 0.3239, 0.3314

Tritanomaly

55.5666, 0.3015, 0.3217

Monochromacy



Original Color

55.6349, 0.3091, 0.3402

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.0340, 0.3110, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6349, 0.3091, 0.3402 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(187, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 200, 191)  
}
```

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(187, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 200, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.6349, 0.3091, 0.3402 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(187, 200, 191) }
```

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

```
.border{ border-color:rgb(187, 200, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 200, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 200, 191); box-shadow:4px 4px 4px 4px rgb(187, 200, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6349, 0.3091, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 200, 191) }
```

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

```
.background{ background-color: rgb(187,  
200, 191) }
```

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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