

Converting Colors

Yxy(54.9284, 0.3091, 0.3390)

Have a look what the booklet for
Yxy(54.9284, 0.3091, 0.3390)
contains.

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Color

Yxy(55.1732, 0.3091, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	BBC7BF
RGB	187, 199, 191
RGB Percent	73%, 78%, 75%
CMY	0.2667, 0.2196, 0.2508
CMYK	0.06, 0.00, 0.04, 0.22
HSL	140°, 10%, 76%
HSV	140°, 6%, 78%
XYZ	50.3217, 55.1732, 57.3059
YIQ	194.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

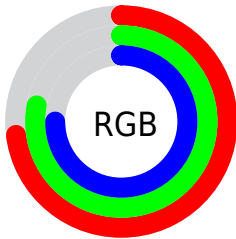
Format	Color
RYB	187, 196, 199
Decimal	12306367
CIELab	79.14, -5.60, 2.56
CIELCh	79, 6.156, 155.434
Yxy	55.1732, 0.3091, 0.3389
Android (android.graphics.Color)	4290496447 (0xFFBBC7BF)
YUV	194.5000, -1.7255, -6.5775
Hunter-Lab	74.2787, -9.0589, 6.2529

Details

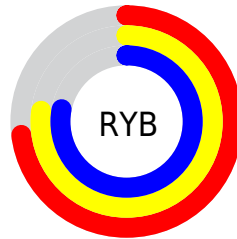
The Yxy color **55.1732, 0.3091, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6177, 0.3165, 0.3193**, and the grayscale version is **54.2743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2901, 0.3099, 0.3368**, and **27.1541, 0.3080, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **52.2817, 0.3031, 0.3570**, and if you desaturate by 10%, it is **58.4696, 0.3151, 0.3229**.

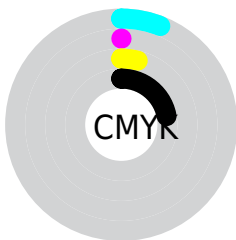
Distribution



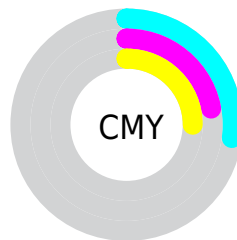
- Red (73%)
- Green (78%)
- Blue (75%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1732, 0.3091, 0.3389 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 55.1732, 0.3091, 0.3389 by changing the saturation by 10% instead.


 55.1732, 0.3091,
0.3389

 55.1732, 0.3091,
0.3389

406.5681, 0.3109,
0.3341

 39.5404, 0.3087,
0.3401


 97.7947, 0.3097,
0.3372

 27.1804, 0.3081,
0.3416


125.5521, 0.3100,
0.3365

 17.7087, 0.3074,
0.3435


158.1200, 0.3102,
0.3359

 10.7411, 0.3064,
0.3462

195.8825, 0.3104,
0.3355

 5.8930, 0.3049,
0.3502

239.2242, 0.3105,
0.3350

 2.7801, 0.3026,
0.3564

288.5295, 0.3107,

 1.0181, 0.2983,

0.3347

0.3680

344.1826, 0.3108,
0.3344

0.0000, 0.0000,
0.0000

55.1732, 0.3091,
0.3389

55.1732, 0.3091,
0.3389

52.2817, 0.3031,
0.3570

58.4696, 0.3151,
0.3229

49.7725, 0.2974,
0.3771

62.1786, 0.3209,
0.3088

47.6313, 0.2921,
0.3993

66.3165, 0.3266,
0.2965

45.8402, 0.2875,
0.4232

68.6313, 0.3233,
0.2845

44.3798, 0.2839,
0.4484

69.3289, 0.3153,
0.2742

■ 43.2287, 0.2818,
0.4741

■ 42.3631, 0.2812,
0.4993

■ 41.7551, 0.2824,
0.5229

■ 41.3703, 0.2852,
0.5438

Harmonies

Analogous

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



55.1732, 0.3173, 0.3427



55.1732, 0.3091, 0.3389



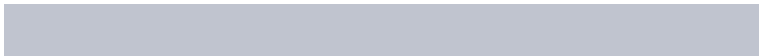
55.1732, 0.3019, 0.3323

Triad

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



55.1732, 0.3091, 0.3389



55.1732, 0.3011, 0.3155



55.1732, 0.3280, 0.3328

Complementary

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



55.1732, 0.3091, 0.3389



51.6177, 0.3165, 0.3193

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.



55.1732, 0.3236, 0.3256



55.1732, 0.3091, 0.3389



55.1732, 0.3080, 0.3157

Square

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



55.1732, 0.3091, 0.3389



55.1732, 0.2974, 0.3188



55.1732, 0.3162, 0.3194



55.1732, 0.3283, 0.3390

Rectangle

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



55.1732, 0.3091, 0.3389



55.1732, 0.2987, 0.3274



55.1732, 0.3162, 0.3194



55.1732, 0.3270, 0.3304

Sweetspot

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



55.1756, 0.3091, 0.3389



98.8295, 0.3115, 0.3322



56.0384, 0.3183, 0.3437



21.1658, 0.3116, 0.3321



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.



55.1756, 0.3091, 0.3389



96.0309, 0.3085, 0.3407



55.4438, 0.3048, 0.3315



12.0698, 0.3082, 0.3414



26.5405, 0.2858, 0.5488



1.2702, 0.2736, 0.5049

Inverse Universe

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



51.6177, 0.3165, 0.3193



88.7544, 0.3172, 0.3176



51.3531, 0.3212, 0.3266



11.1038, 0.3175, 0.3169



8.8964, 0.4274, 0.2128



0.4343, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 55.1732, 0.3091, 0.3389 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 55.1732, 0.3091, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

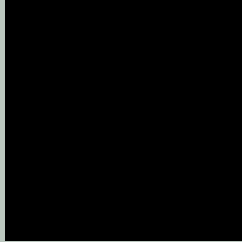
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

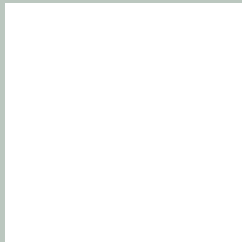
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1732, 0.3091, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 55.1732, 0.3091, 0.3389.



This preview shows how white text looks on a background with the Yxy color 55.1732, 0.3091, 0.3389.

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

55.1732, 0.3091, 0.3389

Protanopia

55.1218, 0.3221, 0.3363

Deuteranopia

54.8444, 0.3321, 0.3244



Tritanopia

55.1302, 0.2973, 0.3108

Trichromacy



Original Color

55.1732, 0.3091, 0.3389

Protanomaly

54.9333, 0.3172, 0.3364

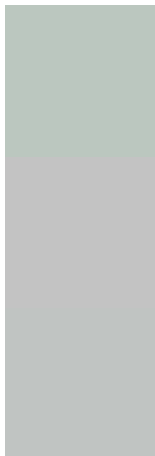
Deuteranomaly

54.9248, 0.3232, 0.3302

Tritanomaly

55.1110, 0.3015, 0.3204

Monochromacy



Original Color

55.1732, 0.3091, 0.3389

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5814, 0.3110, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1732, 0.3091, 0.3389 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, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 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, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.1732, 0.3091, 0.3389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

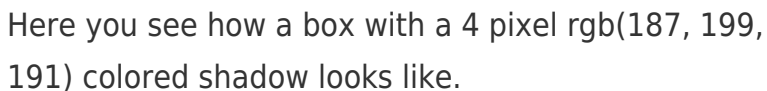
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 199, 191) }
```

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

```
.border{ border-color:rgb(187, 199, 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, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 199, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 199, 191); box-shadow:4px 4px 4px 4px rgb(187, 199, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1732, 0.3091, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 199, 191) }
```

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

```
.background{ background-color: rgb(187,  
199, 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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