

Converting Colors

$Y_{xy}(55.7519, 0.3155, 0.3376)$

Have a look what the booklet for
Yxy(55.7519, 0.3155, 0.3376)
contains.

Yxy(55.7519, 0.3155, 0.3376)	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(55.7519, 0.3155, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	C3C6BF
RGB	195, 198, 191
RGB Percent	76%, 78%, 75%
CMY	0.2353, 0.2235, 0.2511
CMYK	0.02, 0.00, 0.04, 0.22
HSL	86°, 6%, 76%
HSV	86°, 4%, 78%
XYZ	52.1023, 55.7519, 57.2877
YIQ	196.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

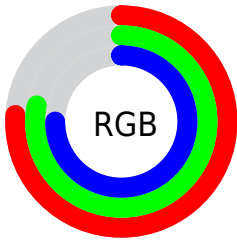
Format	Color
RYB	191, 198, 194
Decimal	12830399
CIELab	79.47, -2.31, 3.15
CIELCh	79, 3.906, 126.298
Yxy	55.7519, 0.3155, 0.3376
Android (android.graphics.Color)	4291020479 (0xFFC3C6BF)
YUV	196.3050, -2.6154, -1.1445
Hunter-Lab	74.6672, -6.1115, 6.7773

Details

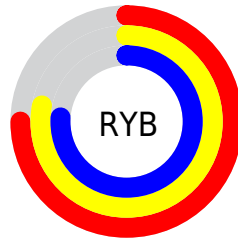
The Yxy color **55.7519, 0.3155, 0.3376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7917, 0.3099, 0.3204**, and the grayscale version is **55.4112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9308, 0.3155, 0.3367**, and **27.4442, 0.3154, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **53.8481, 0.3234, 0.3632**, and if you desaturate by 10%, it is **57.8420, 0.3077, 0.3141**.

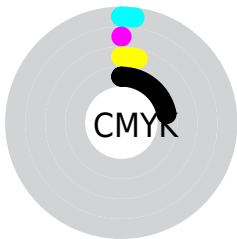
Distribution



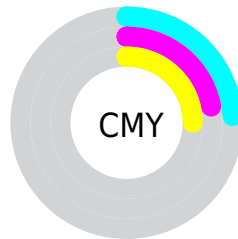
- Red (76%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7519, 0.3155, 0.3376 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 55.7519, 0.3155, 0.3376 by changing the saturation by 10% instead.

■ 55.7519, 0.3155,
0.3376

■ 55.7519, 0.3155,
0.3376

408.7558, 0.3142,
0.3334

■ 40.0040, 0.3158,
0.3386

■ 98.6417, 0.3150,
0.3361

■ 27.5417, 0.3162,
0.3399

126.5525, 0.3148,
0.3355

■ 17.9805, 0.3167,
0.3416

159.2864, 0.3147,
0.3351

■ 10.9360, 0.3175,
0.3439

197.2277, 0.3146,
0.3346

■ 6.0238, 0.3185,
0.3472

240.7609, 0.3144,
0.3343

■ 2.8596, 0.3200,
0.3525

290.2704, 0.3143,

■ 1.0589, 0.3228,

0.3340

0.3620

346.1406, 0.3142,
0.3337

0.0000, 0.0000,
0.0000

55.7519, 0.3155,
0.3376

55.7519, 0.3155,
0.3376

53.8481, 0.3234,
0.3632

57.8420, 0.3077,
0.3141

52.1175, 0.3311,
0.3904

60.1165, 0.3002,
0.2926

50.5565, 0.3384,
0.4189

62.5830, 0.2931,
0.2733

49.1586, 0.3449,
0.4478

64.2304, 0.2961,
0.2699

47.9169, 0.3500,
0.4761

65.6507, 0.3023,
0.2709

■ 46.8237, 0.3533,
0.5023

■ 67.1395, 0.3084,
0.2720

■ 45.8706, 0.3545,
0.5251

■ 68.6976, 0.3147,
0.2731

■ 45.0481, 0.3533,
0.5434

■ 68.8709, 0.3153,
0.2732

■ 44.3450, 0.3499,
0.5565

Harmonies

Analogous

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



55.7519, 0.3200, 0.3377



55.7519, 0.3155, 0.3376



55.7519, 0.3103, 0.3351

Triad

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



55.7519, 0.3155, 0.3376



55.7519, 0.3030, 0.3225



55.7519, 0.3197, 0.3270

Complementary

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



55.7519, 0.3155, 0.3376



52.7917, 0.3099, 0.3204

Split Complementary

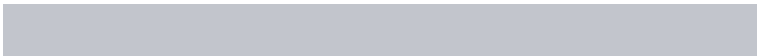
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.7519, 0.3151, 0.3230



55.7519, 0.3155, 0.3376



55.7519, 0.3055, 0.3204

Square

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



55.7519, 0.3155, 0.3376



55.7519, 0.3031, 0.3264



55.7519, 0.3099, 0.3206



55.7519, 0.3224, 0.3316

Rectangle

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



55.7519, 0.3155, 0.3376



55.7519, 0.3071, 0.3325



55.7519, 0.3099, 0.3206



55.7519, 0.3183, 0.3256

Sweetspot

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



55.7543, 0.3155, 0.3376



99.6313, 0.3135, 0.3314



54.3069, 0.3182, 0.3326



21.3291, 0.3135, 0.3313



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.



55.7543, 0.3155, 0.3376



98.5451, 0.3159, 0.3389



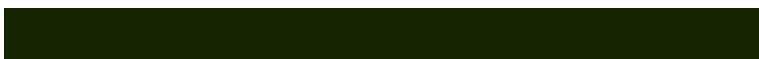
55.3000, 0.3128, 0.3377



12.3855, 0.3164, 0.3404



28.6262, 0.3478, 0.5621



1.3975, 0.3624, 0.5504

Inverse Universe

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



52.7917, 0.3099, 0.3204



92.5707, 0.3094, 0.3191



53.2535, 0.3126, 0.3205



11.5194, 0.3089, 0.3176



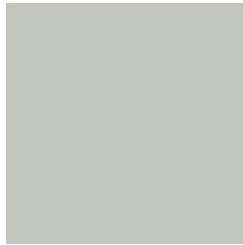
3.9373, 0.1897, 0.0819



0.2289, 0.2138, 0.0952

Previews

White Background



This preview shows how the Yxy color 55.7519, 0.3155, 0.3376 looks on a white background.

Color Contrast Check

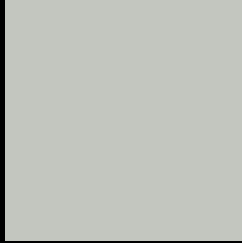
Large Text (above 18pt) WCAG AA × Fail

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 55.7519, 0.3155, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

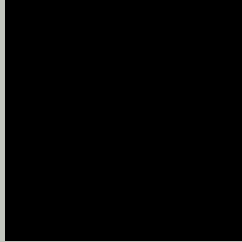
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

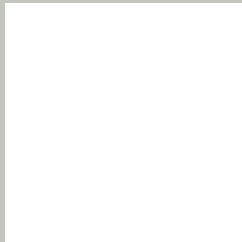
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7519, 0.3155, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 55.7519, 0.3155, 0.3376.



This preview shows how white text looks on a background with the Yxy color 55.7519, 0.3155, 0.3376.

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

55.7519, 0.3155, 0.3376

Protanopia

55.7541, 0.3220, 0.3363

Deuteranopia

55.3844, 0.3336, 0.3267



Tritanopia

55.6891, 0.3042, 0.3111

Trichromacy



Original Color

55.7519, 0.3155, 0.3376

Protanomaly

55.7923, 0.3195, 0.3375

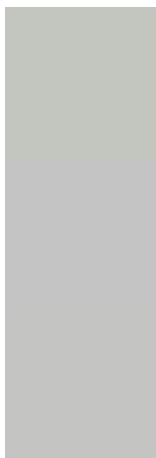
Deuteranomaly

55.5010, 0.3265, 0.3302

Tritanomaly

55.6620, 0.3084, 0.3206

Monochromacy



Original Color

55.7519, 0.3155, 0.3376

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5633, 0.3141, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7519, 0.3155, 0.3376 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(195, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 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(195, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.7519, 0.3155, 0.3376 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(195, 198, 191) }
```

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

```
.border{ border-color:rgb(195, 198, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7519, 0.3155, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 191) }
```

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

```
.background{ background-color: rgb(195,  
198, 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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