

Converting Colors

Yxy(56.0643, 0.3206, 0.3378)

Have a look what the booklet for
Yxy(56.0643, 0.3206, 0.3378)
contains.

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Color

Yxy(55.9296, 0.3203, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	C8C5BE
RGB	200, 197, 190
RGB Percent	78%, 77%, 75%
CMY	0.2157, 0.2274, 0.2549
CMYK	0.00, 0.01, 0.05, 0.22
HSL	42°, 8%, 76%
HSV	42°, 5%, 78%
XYZ	53.0793, 55.9296, 56.7085
YIQ	197.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

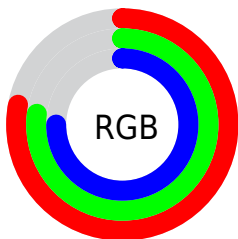
Format	Color
RYB	194, 200, 190
Decimal	13157822
CIELab	79.57, -0.21, 3.87
CIELCh	80, 3.874, 93.065
Yxy	55.9296, 0.3203, 0.3375
Android (android.graphics.Color)	4291347902 (0xFFC8C5BE)
YUV	197.0990, -3.4998, 2.5442
Hunter-Lab	74.7861, -4.1857, 7.3921

Details

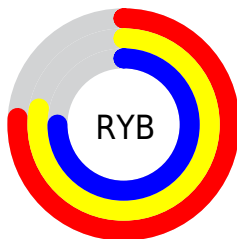
The Yxy color **55.9296, 0.3203, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2515, 0.3052, 0.3204**, and the grayscale version is **55.9185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7974, 0.3180, 0.3367**, and **27.5621, 0.3219, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **52.4516, 0.3366, 0.3551**, and if you desaturate by 10%, it is **59.6405, 0.3055, 0.3208**.

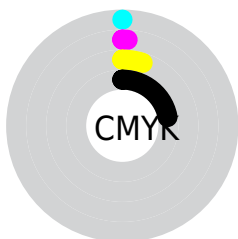
Distribution



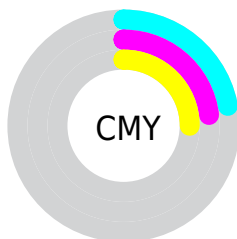
- Red (78%)
- Green (77%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (22%)




- Cyan (22%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9296, 0.3203, 0.3375 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 55.9296, 0.3203, 0.3375 by changing the saturation by 10% instead.


 55.9296, 0.3203,
0.3375

 55.9296, 0.3203,
0.3375

409.4261, 0.3166,
0.3334

 40.1465, 0.3212,
0.3385

 98.9016, 0.3190,
0.3360

 27.6528, 0.3223,
0.3397


126.8593, 0.3185,
0.3355

 18.0641, 0.3238,
0.3414


159.6440, 0.3181,
0.3350

 10.9960, 0.3258,
0.3436


197.6401, 0.3177,
0.3346

 6.0641, 0.3286,
0.3468

241.2320, 0.3174,
0.3342

 2.8841, 0.3331,
0.3518

290.8040, 0.3171,

 1.0715, 0.3412,

0.3339

0.3611

346.7406, 0.3168,
0.3336

0.0000, 0.0000,
0.0000

55.9296, 0.3203,
0.3375

55.9296, 0.3203,
0.3375

52.4516, 0.3366,
0.3551

59.6405, 0.3055,
0.3208

49.1930, 0.3543,
0.3734

63.5827, 0.2922,
0.3051

46.1499, 0.3732,
0.3917

67.7642, 0.2803,
0.2906

43.3154, 0.3930,
0.4093

71.1867, 0.2779,
0.2921

40.6821, 0.4131,
0.4255

74.4036, 0.2784,
0.2988

■ 38.2419, 0.4326,
0.4390

■ 77.7343, 0.2788,
0.3053

■ 35.9861, 0.4507,
0.4488

■ 81.1801, 0.2793,
0.3118

■ 33.9044, 0.4664,
0.4541

■ 84.7419, 0.2798,
0.3183

■ 31.9849, 0.4790,
0.4544

■ 88.4209, 0.2802,
0.3246

Harmonies

Analogous

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



55.9296, 0.3226, 0.3351



55.9296, 0.3203, 0.3375



55.9296, 0.3160, 0.3377

Triad

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



55.9296, 0.3203, 0.3375



55.9296, 0.3034, 0.3269



55.9296, 0.3145, 0.3227

Complementary

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



55.9296, 0.3203, 0.3375



53.2515, 0.3052, 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.



55.9296, 0.3094, 0.3205



55.9296, 0.3203, 0.3375



55.9296, 0.3030, 0.3229

Square

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



55.9296, 0.3203, 0.3375



55.9296, 0.3063, 0.3315



55.9296, 0.3052, 0.3206



55.9296, 0.3192, 0.3266

Rectangle

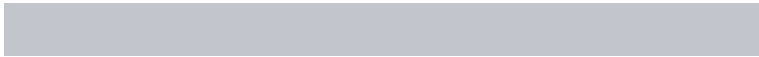
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9296, 0.3203, 0.3375



55.9296, 0.3126, 0.3364



55.9296, 0.3052, 0.3206



55.9296, 0.3128, 0.3218

Sweetspot

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



55.9320, 0.3203, 0.3375



98.7057, 0.3157, 0.3324



52.9536, 0.3186, 0.3254



21.1407, 0.3156, 0.3322



0.0000, 0.0000, 0.0000



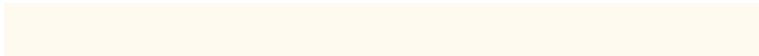
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9320, 0.3203, 0.3375



96.1663, 0.3220, 0.3394



57.0322, 0.3184, 0.3411



12.0766, 0.3227, 0.3402



19.9217, 0.4835, 0.4543



1.0656, 0.4671, 0.4673

Inverse Universe

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



53.2515, 0.3052, 0.3204



90.5625, 0.3035, 0.3184



52.2000, 0.3068, 0.3167



11.3176, 0.3027, 0.3175



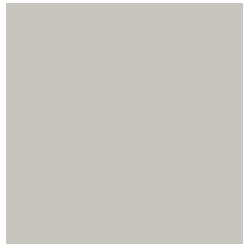
4.8355, 0.1614, 0.1011



0.3577, 0.1734, 0.1443

Previews

White Background



This preview shows how the Yxy color 55.9296, 0.3203, 0.3375 looks on a white background.

Color Contrast Check

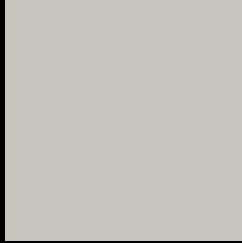
Large Text (above 18pt) WCAG AA × Fail

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 55.9296, 0.3203, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

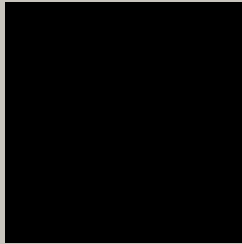
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

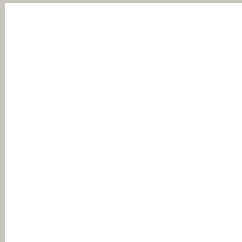
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9296, 0.3203, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 55.9296, 0.3203, 0.3375.

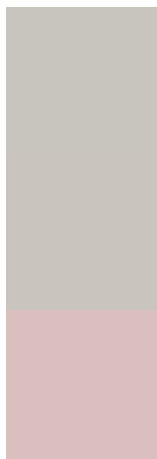


This preview shows how white text looks on a background with the Yxy color 55.9296, 0.3203, 0.3375.

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

55.9296, 0.3203, 0.3375

Protanopia

55.7541, 0.3220, 0.3363

Deuteranopia

55.9286, 0.3351, 0.3291



Tritanopia

55.8835, 0.3088, 0.3113

Trichromacy



Original Color

55.9296, 0.3203, 0.3375

Protanomaly

55.6151, 0.3212, 0.3363

Deuteranomaly

55.7504, 0.3290, 0.3314

Tritanomaly

55.8510, 0.3131, 0.3207

Monochromacy



Original Color

55.9296, 0.3203, 0.3375

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8333, 0.3157, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9296, 0.3203, 0.3375 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(200, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 190)  
}
```

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(200, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 190) }
```

Border

The CSS property to change the border of an element to Yxy 55.9296, 0.3203, 0.3375 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(200, 197, 190) }
```

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

```
.border{ border-color:rgb(200, 197, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 197, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9296, 0.3203, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 190) }
```

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

```
.background{ background-color: rgb(200,  
197, 190) }
```

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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