

Converting Colors

$Y_{xy}(55.5816, 0.3213, 0.3197)$

Have a look what the booklet for
Yxy(55.5816, 0.3213, 0.3197)
contains.

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Color

Yxy(55.5710, 0.3213, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	D2C0C8
RGB	210, 192, 200
RGB Percent	82%, 75%, 78%
CMY	0.1763, 0.2471, 0.2156
CMYK	0.00, 0.09, 0.05, 0.18
HSL	333°, 17%, 79%
HSV	333°, 9%, 82%
XYZ	55.8666, 55.5710, 62.4391
YIQ	198.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

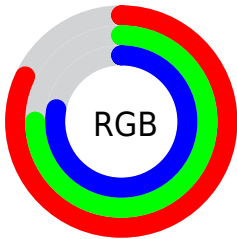
Format	Color
R _Y B	210, 192, 200
Decimal	13811912
CIE Lab	79.37, 7.76, -1.73
CIE LCh	79, 7.951, 347.421
Yxy	55.5710, 0.3213, 0.3196
Android (android.graphics.Color)	4292001992 (0xFFD2C0C8)
YUV	198.2940, 0.8411, 10.2662
Hunter-Lab	74.5460, 3.3169, 2.5213

Details

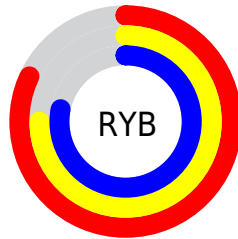
The Yxy color **55.5710, 0.3213, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5894, 0.3049, 0.3386**, and the grayscale version is **56.6566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.5091, 0.3231, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **46.4742, 0.3332, 0.3081**, and if you desaturate by 10%, it is **66.0307, 0.3115, 0.3305**.

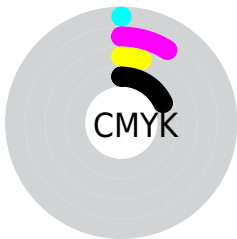
Distribution



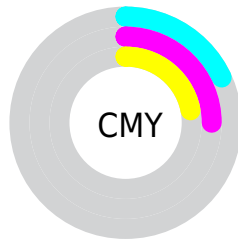
- Red (82%)
- Green (75%)
- Blue (78%)



- Red (82%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5710, 0.3213, 0.3196 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 55.5710, 0.3213, 0.3196 by changing the saturation by 10% instead.

 55.5710, 0.3213,
0.3196

 55.5710, 0.3213,
0.3196

408.0728, 0.3172,
0.3241

 39.8591, 0.3223,
0.3185


 98.3771, 0.3198,
0.3212

 27.4287, 0.3236,
0.3171


126.2400, 0.3193,
0.3218

 17.8954, 0.3252,
0.3154


158.9220, 0.3188,
0.3224

 10.8749, 0.3274,
0.3130

196.8076, 0.3184,
0.3228

 5.9828, 0.3306,
0.3095

240.2810, 0.3180,
0.3232

 2.8346, 0.3356,
0.3042

289.7268, 0.3177,

 1.0460, 0.3443,

0.3236

0.2949

345.5292, 0.3174,
0.3239

0.0000, 0.7322,
0.0000

0.0000, 0.0000,
0.0000

55.5710, 0.3213,
0.3196

55.5710, 0.3213,
0.3196

46.4742, 0.3332,
0.3081

66.0307, 0.3115,
0.3305

38.6765, 0.3477,
0.2962

77.8990, 0.3034,
0.3406

32.1200, 0.3649,
0.2842

91.2280, 0.2967,
0.3499

26.7395, 0.3852,
0.2730

91.9243, 0.2904,
0.3376

■ 22.4638, 0.4087,
0.2633

■ 92.4496, 0.2861,
0.3289

■ 19.2138, 0.4348,
0.2565

■ 16.8999, 0.4626,
0.2537

■ 15.4166, 0.4908,
0.2560

■ 14.6010, 0.5175,
0.2633

Harmonies

Analogous

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



55.5710, 0.3108, 0.3134



55.5710, 0.3213, 0.3196



55.5710, 0.3296, 0.3283

Triad

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



55.5710, 0.3213, 0.3196



55.5710, 0.3244, 0.3473



55.5710, 0.2926, 0.3202

Complementary

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



55.5710, 0.3213, 0.3196



61.5894, 0.3049, 0.3386

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.



55.5710, 0.2961, 0.3294



55.5710, 0.3213, 0.3196



55.5710, 0.3144, 0.3453

Square

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



55.5710, 0.3213, 0.3196



55.5710, 0.3314, 0.3443



55.5710, 0.3040, 0.3387



55.5710, 0.2943, 0.3136

Rectangle

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



55.5710, 0.3213, 0.3196



55.5710, 0.3327, 0.3344



55.5710, 0.3040, 0.3387



55.5710, 0.2932, 0.3231

Sweetspot

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



55.5734, 0.3213, 0.3196



94.9453, 0.3156, 0.3257



54.8942, 0.3072, 0.3077



20.0402, 0.3164, 0.3249



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.



55.5734, 0.3213, 0.3196



83.9173, 0.3230, 0.3179



55.6052, 0.3274, 0.3301



11.8944, 0.3222, 0.3187



8.8641, 0.5176, 0.2625



0.5115, 0.4725, 0.2376

Inverse Universe

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



55.5734, 0.3213, 0.3196



83.9173, 0.3230, 0.3179



61.5352, 0.2995, 0.3279



11.8944, 0.3222, 0.3187



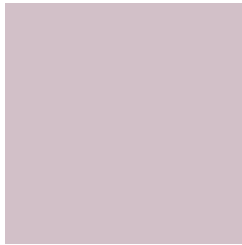
8.8641, 0.5176, 0.2625



0.5115, 0.4725, 0.2376

Previews

White Background



This preview shows how the Yxy color 55.5710, 0.3213, 0.3196 looks on a white background.

Color Contrast Check

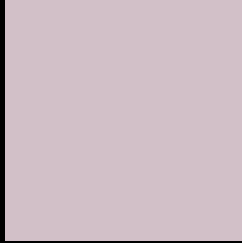
Large Text (above 18pt) WCAG AA × Fail

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 55.5710, 0.3213, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

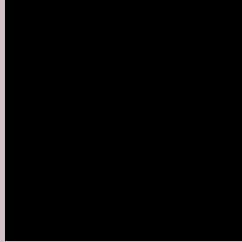
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

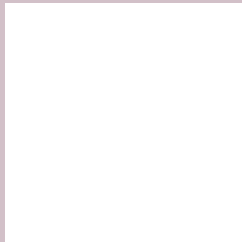
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5710, 0.3213, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 55.5710, 0.3213, 0.3196.



This preview shows how white text looks on a background with the Yxy color 55.5710, 0.3213, 0.3196.

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

55.5710, 0.3213, 0.3196

Protanopia

55.8862, 0.3107, 0.3218

Deuteranopia

55.7279, 0.3246, 0.3186



Tritanopia

55.5667, 0.3176, 0.3116

Trichromacy



Original Color

55.5710, 0.3213, 0.3196

Protanomaly

55.9438, 0.3146, 0.3219

Deuteranomaly

55.5779, 0.3238, 0.3186

Tritanomaly

55.4701, 0.3191, 0.3139

Monochromacy



Original Color

55.5710, 0.3213, 0.3196

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1599, 0.3153, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5710, 0.3213, 0.3196 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(210, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 200)  
}
```

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(210, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 200) }
```

Border

The CSS property to change the border of an element to Yxy 55.5710, 0.3213, 0.3196 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(210, 192, 200) }
```

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

```
.border{ border-color:rgb(210, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5710, 0.3213, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 200) }
```

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

```
.background{ background-color: rgb(210,  
192, 200) }
```

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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