

Converting Colors

Yxy(55.3181, 0.3151, 0.3146)

Have a look what the booklet for
Yxy(55.3181, 0.3151, 0.3146)
contains.

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Color

Yxy(55.1807, 0.3150, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	CEC0CC
RGB	206, 192, 204
RGB Percent	81%, 75%, 80%
CMY	0.1922, 0.2470, 0.2001
CMYK	0.00, 0.07, 0.01, 0.19
HSL	309°, 12%, 78%
HSV	309°, 7%, 81%
XYZ	55.1982, 55.1807, 64.8535
YIQ	197.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

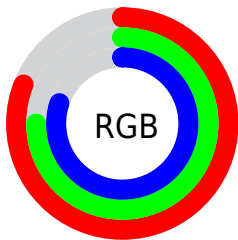
Format	Color
R _Y B	206, 192, 204
Decimal	13549772
CIE Lab	79.15, 7.05, -4.23
CIE LCh	79, 8.221, 329.015
Yxy	55.1807, 0.3150, 0.3149
Android (android.graphics.Color)	4291739852 (0xFFCEC0CC)
YUV	197.5540, 3.1779, 7.4071
Hunter-Lab	74.2837, 2.6420, 0.2354

Details

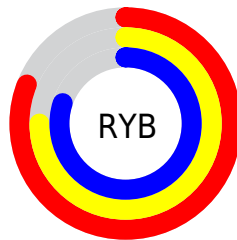
The Yxy color **55.1807, 0.3150, 0.3149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2430, 0.3105, 0.3435**, and the grayscale version is **56.1657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.3426, 0.3157, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **46.6196, 0.3188, 0.2935**, and if you desaturate by 10%, it is **65.0154, 0.3117, 0.3355**.

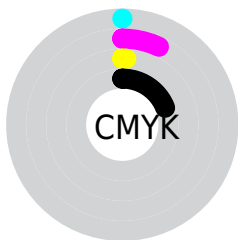
Distribution



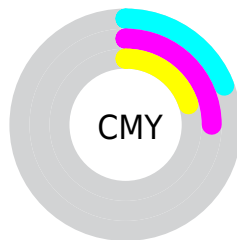
- Red (81%)
- Green (75%)
- Blue (80%)



- Red (81%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1807, 0.3150, 0.3149 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 55.1807, 0.3150, 0.3149 by changing the saturation by 10% instead.


 55.1807, 0.3150,
0.3149

 55.1807, 0.3150,
0.3149


406.5965, 0.3139,
0.3217

 39.5464, 0.3152,
0.3133

 97.8057, 0.3146,
0.3173

 27.1851, 0.3156,
0.3112


125.5651, 0.3145,
0.3182

 17.7123, 0.3160,
0.3086


158.1351, 0.3144,
0.3190

 10.7436, 0.3165,
0.3050

195.9000, 0.3142,
0.3197

 5.8947, 0.3172,
0.3000

239.2442, 0.3142,
0.3203

 2.7812, 0.3183,
0.2922

288.5521, 0.3141,

 1.0186, 0.3200,

0.3208

0.2787

344.2081, 0.3140,
0.3213

0.0000, 0.2986,
0.0000

0.0000, 0.0000,
0.0000

55.1807, 0.3150,
0.3149

55.1807, 0.3150,
0.3149

46.6196, 0.3188,
0.2935

65.0154, 0.3117,
0.3355

39.2725, 0.3230,
0.2717

76.1657, 0.3089,
0.3550

33.0860, 0.3277,
0.2503

88.6807, 0.3064,
0.3731

27.9997, 0.3329,
0.2301

89.5909, 0.3048,
0.3710

■ 23.9478, 0.3383,
0.2119

■ 89.7457, 0.3031,
0.3678

■ 20.8576, 0.3438,
0.1969

■ 89.9033, 0.3015,
0.3645

■ 18.6468, 0.3494,
0.1858

■ 90.0637, 0.2999,
0.3612

■ 17.2192, 0.3547,
0.1791

■ 90.2269, 0.2983,
0.3580

■ 16.4492, 0.3598,
0.1767

■ 90.3930, 0.2966,
0.3547

Harmonies

Analogous

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



55.1807, 0.3042, 0.3109



55.1807, 0.3150, 0.3149



55.1807, 0.3254, 0.3225

Triad

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



55.1807, 0.3150, 0.3149



55.1807, 0.3298, 0.3467



55.1807, 0.2935, 0.3256

Complementary

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



55.1807, 0.3150, 0.3149



59.2430, 0.3105, 0.3435

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.



55.1807, 0.3001, 0.3355



55.1807, 0.3150, 0.3149



55.1807, 0.3211, 0.3478

Square

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



55.1807, 0.3150, 0.3149



55.1807, 0.3340, 0.3408



55.1807, 0.3102, 0.3438



55.1807, 0.2919, 0.3168

Rectangle

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



55.1807, 0.3150, 0.3149



55.1807, 0.3306, 0.3287



55.1807, 0.3102, 0.3438



55.1807, 0.2952, 0.3289

Sweetspot

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



55.1831, 0.3150, 0.3149



96.7418, 0.3134, 0.3248



53.6124, 0.3039, 0.3121



20.7409, 0.3133, 0.3250



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.



55.1831, 0.3150, 0.3149



87.4800, 0.3155, 0.3121



54.8620, 0.3202, 0.3229



11.3749, 0.3159, 0.3094



10.0289, 0.3607, 0.1761



0.5252, 0.3517, 0.1711

Inverse Universe

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



55.1831, 0.3150, 0.3149



87.4800, 0.3155, 0.3121



59.5575, 0.3058, 0.3352



11.3749, 0.3159, 0.3094



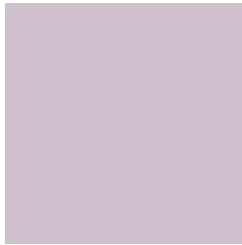
10.0289, 0.3607, 0.1761



0.5252, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 55.1807, 0.3150, 0.3149 looks on a white background.

Color Contrast Check

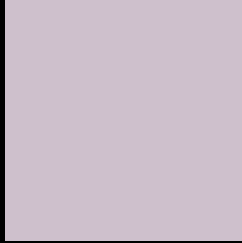
Large Text (above 18pt) WCAG AA × Fail

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 55.1807, 0.3150, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

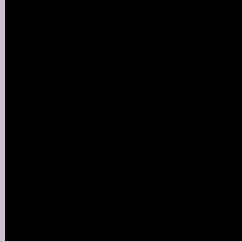
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

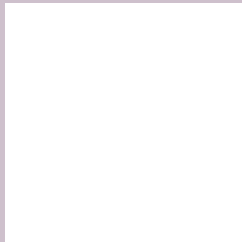
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1807, 0.3150, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 55.1807, 0.3150, 0.3149.



This preview shows how white text looks on a background with the Yxy color 55.1807, 0.3150, 0.3149.

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

55.1807, 0.3150, 0.3149

Protanopia

55.3568, 0.3063, 0.3158

Deuteranopia

55.0354, 0.3192, 0.3127



Tritanopia

55.3261, 0.3127, 0.3114

Trichromacy



Original Color

55.1807, 0.3150, 0.3149

Protanomaly

55.2707, 0.3094, 0.3159

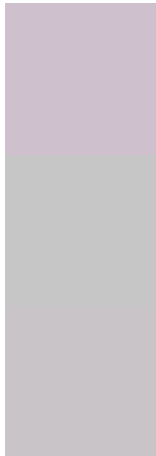
Deuteranomaly

55.1765, 0.3175, 0.3138

Tritanomaly

55.2773, 0.3135, 0.3125

Monochromacy



Original Color

55.1807, 0.3150, 0.3149

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0675, 0.3137, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1807, 0.3150, 0.3149 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(206, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(206, 192, 204)  
}
```

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(206, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 192, 204) }
```

Border

The CSS property to change the border of an element to Yxy 55.1807, 0.3150, 0.3149 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(206, 192, 204) }
```

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

```
.border{ border-color:rgb(206, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(206, 192,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1807, 0.3150, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 192, 204) }
```

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

```
.background{ background-color: rgb(206,  
192, 204) }
```

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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