

Converting Colors

Yxy(55.6142, 0.3045, 0.3021)

Have a look what the booklet for
Yxy(55.6142, 0.3045, 0.3021)
contains.

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Color

Yxy(55.4945, 0.3045, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	CCC0D8
RGB	204, 192, 216
RGB Percent	80%, 75%, 85%
CMY	0.2002, 0.2470, 0.1529
CMYK	0.06, 0.11, 0.00, 0.15
HSL	270°, 24%, 80%
HSV	270°, 11%, 85%
XYZ	56.1398, 55.4945, 72.7328
YIQ	198.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

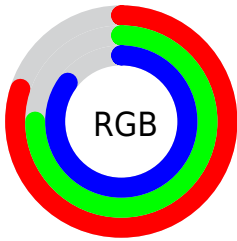
Format	Color
RYB	204, 192, 216
Decimal	13418712
CIELab	79.33, 8.63, -10.48
CIELCh	79, 13.574, 309.477
Yxy	55.4945, 0.3045, 0.3010
Android (android.graphics.Color)	4291608792 (0xFFCCC0D8)
YUV	198.3240, 8.7143, 4.9779
Hunter-Lab	74.4946, 4.1535, -5.7415

Details

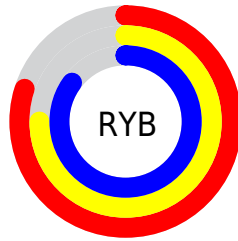
The Yxy color **55.4945, 0.3045, 0.3010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7783, 0.3202, 0.3570**, and the grayscale version is **56.6244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.5225, 0.3027, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **45.2150, 0.2958, 0.2737**, and if you desaturate by 10%, it is **67.2780, 0.3120, 0.3263**.

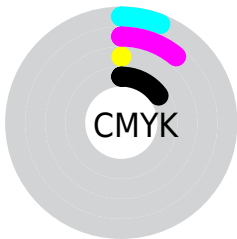
Distribution



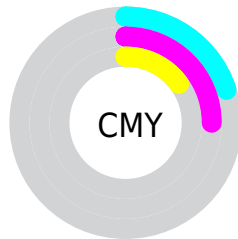
- Red (80%)
- Green (75%)
- Blue (85%)



- Red (80%)
- Yellow (75%)
- Blue (85%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4945, 0.3045, 0.3010 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 55.4945, 0.3045, 0.3010 by changing the saturation by 10% instead.

■ 55.4945, 0.3045,
0.3010

■ 55.4945, 0.3045,
0.3010

407.7837, 0.3086,
0.3144

■ 39.7978, 0.3035,
0.2978

■ 98.2651, 0.3060,
0.3057

■ 27.3809, 0.3022,
0.2939

126.1078, 0.3065,
0.3075

■ 17.8595, 0.3005,
0.2888

158.7679, 0.3070,
0.3091

■ 10.8492, 0.2982,
0.2820

196.6298, 0.3074,
0.3104

■ 5.9655, 0.2948,
0.2725

240.0779, 0.3078,
0.3116

■ 2.8241, 0.2894,
0.2581

289.4967, 0.3081,

■ 1.0406, 0.2797,

0.3126

0.2342

345.2705, 0.3083,
0.3135

0.0000, 0.1766,
0.0000

0.0000, 0.0000,
0.0000

55.4945, 0.3045,
0.3010

55.4945, 0.3045,
0.3010

45.2150, 0.2958,
0.2737

67.2780, 0.3120,
0.3263

36.3698, 0.2858,
0.2448

80.6172, 0.3183,
0.3494

28.8942, 0.2745,
0.2150

94.4017, 0.3237,
0.3685

22.7156, 0.2622,
0.1854

96.3221, 0.3308,
0.3677

■ 17.7546, 0.2491,
0.1574

■ 97.7390, 0.3357,
0.3671

■ 13.9226, 0.2357,
0.1325

■ 11.1185, 0.2227,
0.1121

■ 9.2218, 0.2106,
0.0972

■ 8.1144, 0.2008,
0.0880

Harmonies

Analogous

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



55.4945, 0.2890, 0.2991



55.4945, 0.3045, 0.3010



55.4945, 0.3227, 0.3098

Triad

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



55.4945, 0.3045, 0.3010



55.4945, 0.3465, 0.3522



55.4945, 0.2874, 0.3340

Complementary

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



55.4945, 0.3045, 0.3010



65.7783, 0.3202, 0.3570

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.



55.4945, 0.3022, 0.3494



55.4945, 0.3045, 0.3010



55.4945, 0.3365, 0.3599

Square

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



55.4945, 0.3045, 0.3010



55.4945, 0.3473, 0.3388



55.4945, 0.3202, 0.3590



55.4945, 0.2793, 0.3175

Rectangle

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



55.4945, 0.3045, 0.3010



55.4945, 0.3338, 0.3186



55.4945, 0.3202, 0.3590



55.4945, 0.2917, 0.3395

Sweetspot

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



55.4969, 0.3045, 0.3010



94.4940, 0.3106, 0.3216



59.5529, 0.2955, 0.3152



19.9181, 0.3100, 0.3196



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.



55.4969, 0.3045, 0.3010



77.6194, 0.3029, 0.2957



57.2067, 0.3137, 0.3018



12.3091, 0.3059, 0.3055



4.8659, 0.2024, 0.0889



0.3427, 0.2213, 0.0993

Inverse Universe

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



56.6720, 0.3230, 0.3152



79.6258, 0.3252, 0.3126



64.1906, 0.3117, 0.3577



12.5239, 0.3213, 0.3173



9.3105, 0.4937, 0.2493



0.5783, 0.4559, 0.2285

Previews

White Background



This preview shows how the Yxy color 55.4945, 0.3045, 0.3010 looks on a white background.

Color Contrast Check

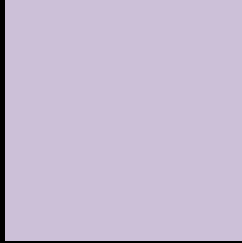
Large Text (above 18pt) WCAG AA × Fail

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 55.4945, 0.3045, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

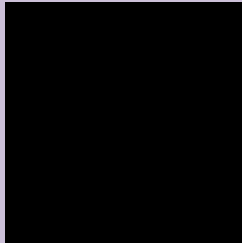
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

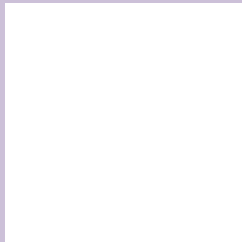
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4945, 0.3045, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 55.4945, 0.3045, 0.3010.



This preview shows how white text looks on a background with the Yxy color 55.4945, 0.3045, 0.3010.

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

55.4945, 0.3045, 0.3010

Protanopia

55.5615, 0.2955, 0.3017

Deuteranopia

55.4849, 0.3069, 0.3000



Tritanopia

55.3905, 0.3096, 0.3113

Trichromacy



Original Color

55.4945, 0.3045, 0.3010

Protanomaly

55.5991, 0.2992, 0.3019

Deuteranomaly

55.3413, 0.3061, 0.3000

Tritanomaly

55.5396, 0.3074, 0.3078

Monochromacy



Original Color

55.4945, 0.3045, 0.3010

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1670, 0.3093, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4945, 0.3045, 0.3010 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(204, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 216)  
}
```

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(204, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 216) }
```

Border

The CSS property to change the border of an element to Yxy 55.4945, 0.3045, 0.3010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

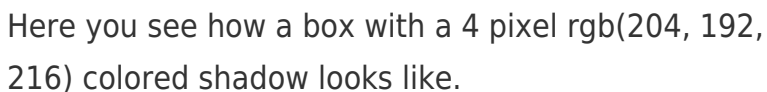
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 192, 216) }
```

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

```
.border{ border-color:rgb(204, 192, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4945, 0.3045, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 216) }
```

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

```
.background{ background-color: rgb(204,  
192, 216) }
```

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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