

Converting Colors

Yxy(54.3133, 0.3142, 0.3093)

Have a look what the booklet for
Yxy(54.3133, 0.3142, 0.3093)
contains.

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Color

Yxy(54.1168, 0.3145, 0.3090)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFBDCE |
| RGB | 207, 189, 206 |
| RGB Percent | 81%, 74%, 81% |
| CMY | 0.1881, 0.2589, 0.1921 |
| CMYK | 0.00, 0.09, 0.01, 0.19 |
| HSL | 303°, 16%, 78% |
| HSV | 303°, 9%, 81% |
| XYZ | 55.0800, 54.1168, 65.9384 |
| YIQ | 196.3200, 5.2710, 9.1030 |

Conversions

Conversions Part 2

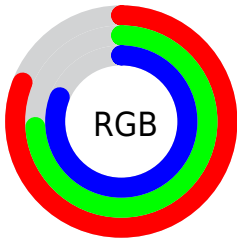
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 207, 189, 206 |
| Decimal | 13614542 |
| CIE Lab | 78.53, 9.40, -6.23 |
| CIE LCh | 79, 11.277, 326.487 |
| Yxy | 54.1168, 0.3145, 0.3090 |
| Android (android.graphics.Color) | 4291804622 (0xFFCFBDCE) |
| YUV | 196.3200, 4.7722, 9.3664 |
| Hunter-Lab | 73.5641, 4.9120, -1.6491 |

Details

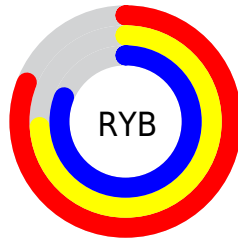
The Yxy color **54.1168, 0.3145, 0.3090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1843, 0.3110, 0.3498**, and the grayscale version is **55.3768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **26.6476, 0.3150, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **45.7813, 0.3167, 0.2855**, and if you desaturate by 10%, it is **63.7289, 0.3125, 0.3319**.

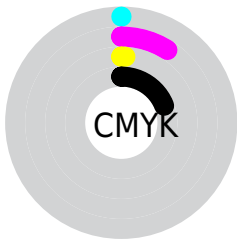
Distribution



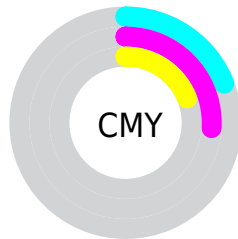
- Red (81%)
- Green (74%)
- Blue (81%)



- Red (81%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (19%)





- Cyan (19%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1168, 0.3145, 0.3090 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 54.1168, 0.3145, 0.3090 by changing the saturation by 10% instead.


 54.1168, 0.3145,
0.3090

 54.1168, 0.3145,
0.3090


402.5552, 0.3137,
0.3186

 38.6950, 0.3147,
0.3067

 96.2457, 0.3142,
0.3124

 26.5226, 0.3149,
0.3038


123.7217, 0.3141,
0.3137

 17.2150, 0.3152,
0.3001


155.9845, 0.3140,
0.3148

 10.3879, 0.3155,
0.2951

193.4186, 0.3139,
0.3158

 5.6569, 0.3159,
0.2879

236.4083, 0.3139,
0.3166

 2.6376, 0.3164,
0.2770

285.3380, 0.3138,

 0.9456, 0.3170,

0.3174

0.2583

340.5922, 0.3138,
0.3180

0.0000, 0.2248,
0.0000

0.0000, 0.0000,
0.0000

54.1168, 0.3145,
0.3090

54.1168, 0.3145,
0.3090

45.7813, 0.3167,
0.2855

63.7289, 0.3125,
0.3319

38.6619, 0.3191,
0.2618

74.6610, 0.3106,
0.3536

32.7033, 0.3217,
0.2389

86.9631, 0.3090,
0.3740

27.8437, 0.3243,
0.2177

89.4838, 0.3082,
0.3766

■ 24.0150, 0.3269,
0.1990

■ 89.5437, 0.3076,
0.3753

■ 21.1421, 0.3294,
0.1837

■ 89.6041, 0.3069,
0.3740

■ 19.1394, 0.3318,
0.1726

■ 89.6649, 0.3062,
0.3726

■ 17.9060, 0.3339,
0.1657

■ 89.7262, 0.3056,
0.3713

■ 17.2823, 0.3358,
0.1627

■ 89.7879, 0.3049,
0.3700

Harmonies

Analogous

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



54.1168, 0.2997, 0.3040



54.1168, 0.3145, 0.3090



54.1168, 0.3291, 0.3191

Triad

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



54.1168, 0.3145, 0.3090



54.1168, 0.3371, 0.3529



54.1168, 0.2868, 0.3253

Complementary

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



54.1168, 0.3145, 0.3090



59.1843, 0.3110, 0.3498

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.



54.1168, 0.2963, 0.3391



54.1168, 0.3145, 0.3090



54.1168, 0.3254, 0.3553

Square

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



54.1168, 0.3145, 0.3090



54.1168, 0.3423, 0.3441



54.1168, 0.3104, 0.3503



54.1168, 0.2840, 0.3129

Rectangle

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



54.1168, 0.3145, 0.3090



54.1168, 0.3367, 0.3274



54.1168, 0.3104, 0.3503



54.1168, 0.2893, 0.3299

Sweetspot

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



54.1191, 0.3145, 0.3090



95.1875, 0.3133, 0.3221



51.8311, 0.3000, 0.3069



20.1057, 0.3135, 0.3203



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.



54.1191, 0.3145, 0.3090



84.7015, 0.3148, 0.3057



53.6991, 0.3213, 0.3194



11.9968, 0.3146, 0.3074



10.8476, 0.3358, 0.1623



0.6102, 0.3328, 0.1607

Inverse Universe

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



54.1191, 0.3145, 0.3090



84.7015, 0.3148, 0.3057



59.5852, 0.3048, 0.3388



11.9968, 0.3146, 0.3074



10.8476, 0.3358, 0.1623



0.6102, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 54.1168, 0.3145, 0.3090 looks on a white background.

Color Contrast Check

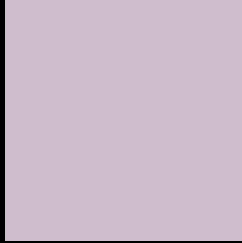
Large Text (above 18pt) WCAG AA × Fail

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 54.1168, 0.3145, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

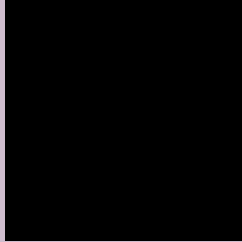
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1168, 0.3145, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 54.1168, 0.3145, 0.3090.



This preview shows how white text looks on a background with the Yxy color 54.1168, 0.3145, 0.3090.

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

54.1168, 0.3145, 0.3090

Protanopia

54.2127, 0.3018, 0.3097

Deuteranopia

54.2613, 0.3153, 0.3091



Tritanopia

54.0202, 0.3160, 0.3113

Trichromacy



Original Color

54.1168, 0.3145, 0.3090

Protanomaly

54.3955, 0.3064, 0.3099

Deuteranomaly

54.2613, 0.3153, 0.3091

Tritanomaly

54.0684, 0.3152, 0.3102

Monochromacy



Original Color

54.1168, 0.3145, 0.3090

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5894, 0.3131, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1168, 0.3145, 0.3090 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(207, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 206)  
}
```

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(207, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 206) }
```

Border

The CSS property to change the border of an element to Yxy 54.1168, 0.3145, 0.3090 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(207, 189, 206) }
```

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

```
.border{ border-color:rgb(207, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 189,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1168, 0.3145, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 206) }
```

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

```
.background{ background-color: rgb(207,  
189, 206) }
```

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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