

Converting Colors

Yxy(54.5405, 0.3234, 0.3248)

Have a look what the booklet for
Yxy(54.5405, 0.3234, 0.3248)
contains.

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Color

Yxy(54.4671, 0.3228, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	CFBFC3
RGB	207, 191, 195
RGB Percent	81%, 75%, 76%
CMY	0.1882, 0.2510, 0.2354
CMYK	0.00, 0.08, 0.06, 0.19
HSL	345°, 14%, 78%
HSV	345°, 8%, 81%
XYZ	54.2152, 54.4671, 59.2706
YIQ	196.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

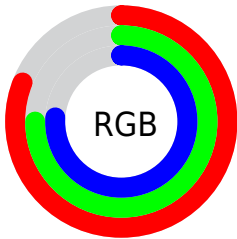
Format	Color
R_{YB}	207, 191, 195
Decimal	13615043
CIE Lab	78.73, 6.33, 0.03
CIE LCh	79, 6.332, 0.290
Yxy	54.4671, 0.3228, 0.3243
Android (android.graphics.Color)	4291805123 (0xFFCFBFC3)
YUV	196.2400, -0.6113, 9.4365
Hunter-Lab	73.8018, 1.9737, 4.0452

Details

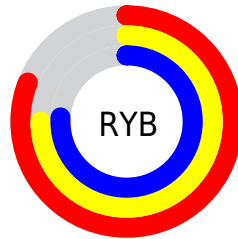
The Yxy color $54.4671, 0.3228, 0.3243$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.0265, 0.3035, 0.3338$, and the grayscale version is $55.3553, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8098, 0.3149, 0.3242$, and $26.8723, 0.3262, 0.3243$ is the 20% darker color. If you saturate the color by 10%, you get $45.4014, 0.3385, 0.3179$, and if you desaturate by 10%, it is $64.8872, 0.3101, 0.3303$.

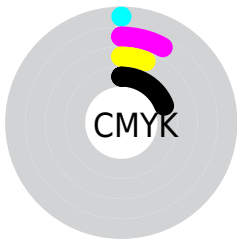
Distribution



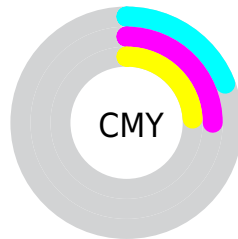
- Red (81%)
- Green (75%)
- Blue (76%)



- Red (81%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (19%)




- Cyan (19%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4671, 0.3228, 0.3243 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 54.4671, 0.3228, 0.3243 by changing the saturation by 10% instead.

 54.4671, 0.3228,
0.3243

 54.4671, 0.3228,
0.3243

403.8887, 0.3179,
0.3266

 38.9752, 0.3240,
0.3237


 96.7597, 0.3210,
0.3251

 26.7405, 0.3255,
0.3230


124.3293, 0.3204,
0.3254

 17.3784, 0.3275,
0.3221


156.6935, 0.3198,
0.3257

 10.5046, 0.3302,
0.3208

194.2368, 0.3193,
0.3259

 5.7348, 0.3341,
0.3190

237.3436, 0.3189,
0.3261

 2.6845, 0.3402,
0.3161

286.3982, 0.3185,

 0.9693, 0.3513,

0.3263

0.3109

341.7852, 0.3182,
0.3265

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4671, 0.3228,
0.3243

54.4671, 0.3228,
0.3243

45.4014, 0.3385,
0.3179

64.8872, 0.3101,
0.3303

37.6274, 0.3578,
0.3112

76.7069, 0.2997,
0.3359

31.0882, 0.3814,
0.3045

89.9778, 0.2913,
0.3409

25.7198, 0.4097,
0.2982

92.0085, 0.2844,
0.3289

■ 21.4524, 0.4429,
0.2932

■ 18.2087, 0.4802,
0.2904

■ 15.9014, 0.5194,
0.2908

■ 14.4282, 0.5569,
0.2953

■ 13.6449, 0.5889,
0.3035

Harmonies

Analogous

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



54.4671, 0.3149, 0.3182



54.4671, 0.3228, 0.3243



54.4671, 0.3280, 0.3316

Triad

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



54.4671, 0.3228, 0.3243



54.4671, 0.3189, 0.3435



54.4671, 0.2966, 0.3194

Complementary

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



54.4671, 0.3228, 0.3243



60.0265, 0.3035, 0.3338

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.



54.4671, 0.2976, 0.3261



54.4671, 0.3228, 0.3243



54.4671, 0.3104, 0.3402

Square

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



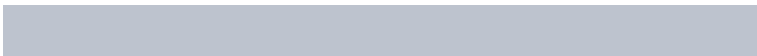
54.4671, 0.3228, 0.3243



54.4671, 0.3257, 0.3428



54.4671, 0.3027, 0.3337



54.4671, 0.2998, 0.3153

Rectangle

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



54.4671, 0.3228, 0.3243



54.4671, 0.3293, 0.3363



54.4671, 0.3027, 0.3337



54.4671, 0.2965, 0.3214

Sweetspot

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



54.4695, 0.3228, 0.3243



96.5446, 0.3152, 0.3278



54.4668, 0.3104, 0.3100



20.7007, 0.3151, 0.3279



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.



54.4695, 0.3228, 0.3243



85.1594, 0.3248, 0.3234



56.0630, 0.3254, 0.3338



11.8557, 0.3252, 0.3233



8.5233, 0.5920, 0.3035



0.4895, 0.5386, 0.2741

Inverse Universe

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



54.4695, 0.3228, 0.3243



85.1594, 0.3248, 0.3234



58.3021, 0.3009, 0.3242



11.8557, 0.3252, 0.3233



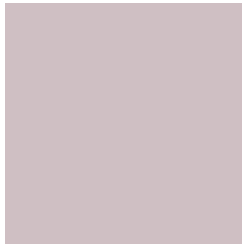
8.5233, 0.5920, 0.3035



0.4895, 0.5386, 0.2741

Previews

White Background



This preview shows how the Yxy color 54.4671, 0.3228, 0.3243 looks on a white background.

Color Contrast Check

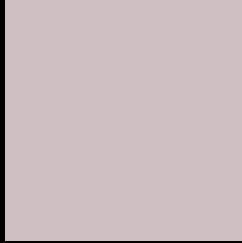
Large Text (above 18pt) WCAG AA × Fail

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 54.4671, 0.3228, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

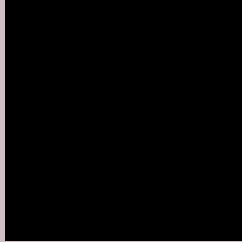
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4671, 0.3228, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 54.4671, 0.3228, 0.3243.



This preview shows how white text looks on a background with the Yxy color 54.4671, 0.3228, 0.3243.

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

54.4671, 0.3228, 0.3243

Protanopia

54.6206, 0.3137, 0.3254

Deuteranopia

54.4815, 0.3280, 0.3220



Tritanopia

54.5964, 0.3167, 0.3126

Trichromacy



Original Color

54.4671, 0.3228, 0.3243

Protanomaly

54.5430, 0.3169, 0.3254

Deuteranomaly

54.6159, 0.3262, 0.3232

Tritanomaly

54.4539, 0.3190, 0.3161

Monochromacy



Original Color

54.4671, 0.3228, 0.3243

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8485, 0.3160, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4671, 0.3228, 0.3243 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, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 191, 195)  
}
```

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, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 191, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.4671, 0.3228, 0.3243 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, 191, 195) }
```

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

```
.border{ border-color:rgb(207, 191, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 191,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4671, 0.3228, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 191, 195) }
```

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

```
.background{ background-color: rgb(207,  
191, 195) }
```

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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