

Converting Colors

Yxy(54.3615, 0.3171, 0.3196)

Have a look what the booklet for
Yxy(54.3615, 0.3171, 0.3196)
contains.

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Color

Yxy(54.2225, 0.3172, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	CCBFC7
RGB	204, 191, 199
RGB Percent	80%, 75%, 78%
CMY	0.2002, 0.2509, 0.2196
CMYK	0.00, 0.06, 0.02, 0.20
HSL	323°, 11%, 77%
HSV	323°, 6%, 80%
XYZ	53.8322, 54.2225, 61.6558
YIQ	195.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

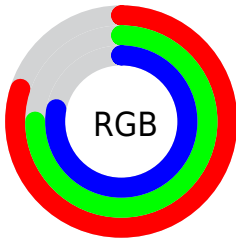
Format	Color
R_{YB}	204, 191, 199
Decimal	13418439
CIE _{Lab}	78.59, 5.97, -2.37
CIE _{LCh}	79, 6.421, 338.293
Yxy	54.2225, 0.3172, 0.3195
Android (android.graphics.Color)	4291608519 (0xFFCCBFC7)
YUV	195.7990, 1.5781, 7.1923
Hunter-Lab	73.6359, 1.6311, 1.9013

Details

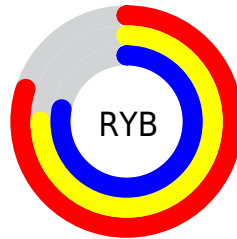
The Yxy color **54.2225, 0.3172, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2305, 0.3085, 0.3387**, and the grayscale version is **55.0615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **26.7053, 0.3187, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **45.5841, 0.3254, 0.3039**, and if you desaturate by 10%, it is **64.1231, 0.3104, 0.3343**.

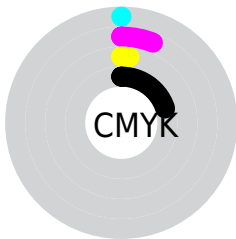
Distribution



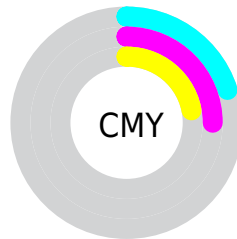
- Red (80%)
- Green (75%)
- Blue (78%)



- Red (80%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2225, 0.3172, 0.3195 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 54.2225, 0.3172, 0.3195 by changing the saturation by 10% instead.


 54.2225, 0.3172,
0.3195

 54.2225, 0.3172,
0.3195


402.9579, 0.3150,
0.3241

 38.7796, 0.3177,
0.3184


 96.4009, 0.3164,
0.3211

 26.5883, 0.3184,
0.3170


123.9051, 0.3161,
0.3218

 17.2643, 0.3192,
0.3152


156.1985, 0.3159,
0.3223

 10.4231, 0.3204,
0.3127

193.6656, 0.3157,
0.3228

 5.6804, 0.3221,
0.3092

236.6907, 0.3155,
0.3232

 2.6517, 0.3246,
0.3036

285.6581, 0.3153,

 0.9527, 0.3292,

0.3235

0.2939

340.9524, 0.3152,
0.3238

0.0000, 0.0000,
0.0000

54.2225, 0.3172,
0.3195

54.2225, 0.3172,
0.3195

45.5841, 0.3254,
0.3039

64.1231, 0.3104,
0.3343

38.1497, 0.3350,
0.2878

75.3272, 0.3047,
0.3482

31.8670, 0.3464,
0.2716

87.8826, 0.2999,
0.3610

26.6770, 0.3594,
0.2561

90.0825, 0.2957,
0.3552

22.5155, 0.3741,
0.2421

90.5332, 0.2915,
0.3467

■ 19.3115, 0.3903,
0.2307

■ 91.0039, 0.2874,
0.3384

■ 16.9850, 0.4075,
0.2232

■ 91.4949, 0.2833,
0.3302

■ 15.4427, 0.4250,
0.2205

■ 91.5717, 0.2827,
0.3289

■ 14.5658, 0.4422,
0.2229

Harmonies

Analogous

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



54.2225, 0.3086, 0.3153



54.2225, 0.3172, 0.3195



54.2225, 0.3247, 0.3262

Triad

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



54.2225, 0.3172, 0.3195



54.2225, 0.3243, 0.3436



54.2225, 0.2967, 0.3240

Complementary

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



54.2225, 0.3172, 0.3195



58.2305, 0.3085, 0.3387

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.



54.2225, 0.3008, 0.3318



54.2225, 0.3172, 0.3195



54.2225, 0.3167, 0.3432

Square

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



54.2225, 0.3172, 0.3195



54.2225, 0.3289, 0.3400



54.2225, 0.3081, 0.3388



54.2225, 0.2968, 0.3178

Rectangle

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



54.2225, 0.3172, 0.3195



54.2225, 0.3280, 0.3312



54.2225, 0.3081, 0.3388



54.2225, 0.2976, 0.3265

Sweetspot

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



54.2249, 0.3172, 0.3195



96.6636, 0.3141, 0.3260



53.3608, 0.3070, 0.3133



20.7249, 0.3140, 0.3262



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.



54.2249, 0.3172, 0.3195



87.1737, 0.3185, 0.3168



53.9310, 0.3222, 0.3272



11.3279, 0.3195, 0.3148



9.0416, 0.4462, 0.2232



0.4810, 0.4154, 0.2062

Inverse Universe

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



54.2249, 0.3172, 0.3195



87.1737, 0.3185, 0.3168



58.5312, 0.3040, 0.3308



11.3279, 0.3195, 0.3148



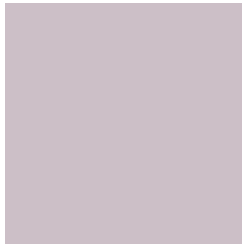
9.0416, 0.4462, 0.2232



0.4810, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 54.2225, 0.3172, 0.3195 looks on a white background.

Color Contrast Check

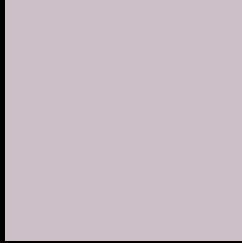
Large Text (above 18pt) WCAG AA × Fail

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 54.2225, 0.3172, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

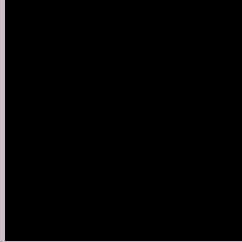
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2225, 0.3172, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 54.2225, 0.3172, 0.3195.



This preview shows how white text looks on a background with the Yxy color 54.2225, 0.3172, 0.3195.

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

54.2225, 0.3172, 0.3195

Protanopia

54.0458, 0.3099, 0.3205

Deuteranopia

54.3676, 0.3231, 0.3173



Tritanopia

54.2138, 0.3135, 0.3113

Trichromacy



Original Color

54.2225, 0.3172, 0.3195

Protanomaly

54.0115, 0.3124, 0.3194

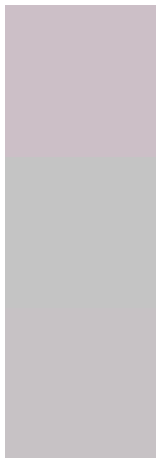
Deuteranomaly

54.3603, 0.3206, 0.3184

Tritanomaly

54.1178, 0.3151, 0.3136

Monochromacy



Original Color

54.2225, 0.3172, 0.3195

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.7569, 0.3145, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2225, 0.3172, 0.3195 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, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 199)  
}
```

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, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.2225, 0.3172, 0.3195 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, 191, 199) }
```

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

```
.border{ border-color:rgb(204, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 191, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 191, 199); box-shadow:4px 4px 4px 4px rgb(204, 191, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2225, 0.3172, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 199) }
```

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

```
.background{ background-color: rgb(204,  
191, 199) }
```

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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