

Converting Colors

Yxy(53.4597, 0.3208, 0.3233)

Have a look what the booklet for
Yxy(53.4597, 0.3208, 0.3233)
contains.

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Color

Yxy(53.5593, 0.3212, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	CCBEC2
RGB	204, 190, 194
RGB Percent	80%, 75%, 76%
CMY	0.1998, 0.2550, 0.2392
CMYK	0.00, 0.07, 0.05, 0.20
HSL	343°, 12%, 77%
HSV	343°, 7%, 80%
XYZ	53.0637, 53.5593, 58.5815
YIQ	194.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

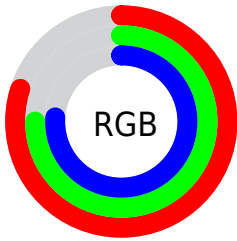
Format	Color
R _Y B	204, 190, 194
Decimal	13418178
CIE Lab	78.20, 5.66, -0.25
CIE LCh	78, 5.662, 357.518
Yxy	53.5593, 0.3212, 0.3242
Android (android.graphics.Color)	4291608258 (0xFFCCBEC2)
YUV	194.6420, -0.3165, 8.2070
Hunter-Lab	73.1842, 1.3526, 3.7693

Details

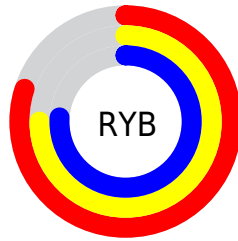
The Yxy color **53.5593, 0.3212, 0.3242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3284, 0.3049, 0.3339**, and the grayscale version is **54.3528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0737, 0.3161, 0.3252**, and **26.2688, 0.3241, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **44.7098, 0.3359, 0.3168**, and if you desaturate by 10%, it is **63.7151, 0.3093, 0.3311**.

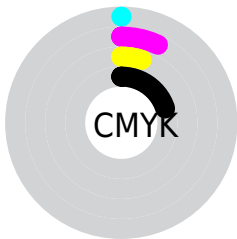
Distribution



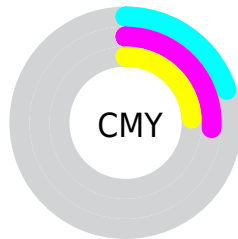
- Red (80%)
- Green (75%)
- Blue (76%)



- Red (80%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (20%)





- Cyan (20%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5593, 0.3212, 0.3242 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 53.5593, 0.3212, 0.3242 by changing the saturation by 10% instead.


 53.5593, 0.3212,
0.3242

 53.5593, 0.3212,
0.3242


400.4273, 0.3171,
0.3266

 38.2494, 0.3222,
0.3236


 95.4269, 0.3197,
0.3250

 26.1763, 0.3235,
0.3229


122.7534, 0.3192,
0.3254

 16.9556, 0.3252,
0.3220

154.8542, 0.3187,
0.3256

 10.2028, 0.3274,
0.3207

192.1138, 0.3183,
0.3259

 5.5337, 0.3308,
0.3188

234.9165, 0.3179,
0.3261

 2.5637, 0.3360,
0.3158

283.6467, 0.3176,

 0.9084, 0.3457,

0.3263

0.3104

338.6888, 0.3173,
0.3264

0.0000, 0.0000,
0.0000

53.5593, 0.3212,
0.3242

53.5593, 0.3212,
0.3242

44.7098, 0.3359,
0.3168

63.7151, 0.3093,
0.3311

37.1068, 0.3538,
0.3092

75.2203, 0.2996,
0.3374

30.6959, 0.3757,
0.3014

88.1243, 0.2916,
0.3432

25.4161, 0.4020,
0.2941

91.4135, 0.2841,
0.3317

21.2011, 0.4329,
0.2881

91.5849, 0.2827,
0.3289

■ 17.9772, 0.4677,
0.2842

■ 15.6618, 0.5049,
0.2837

■ 14.1582, 0.5414,
0.2876

■ 13.3391, 0.5738,
0.2958

Harmonies

Analogous

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



53.5593, 0.3140, 0.3189



53.5593, 0.3212, 0.3242



53.5593, 0.3262, 0.3308

Triad

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



53.5593, 0.3212, 0.3242



53.5593, 0.3189, 0.3421



53.5593, 0.2981, 0.3208

Complementary

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



53.5593, 0.3212, 0.3242



58.3284, 0.3049, 0.3339

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.



53.5593, 0.2994, 0.3270



53.5593, 0.3212, 0.3242



53.5593, 0.3114, 0.3394

Square

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



53.5593, 0.3212, 0.3242



53.5593, 0.3248, 0.3412



53.5593, 0.3043, 0.3339



53.5593, 0.3007, 0.3169

Rectangle

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



53.5593, 0.3212, 0.3242



53.5593, 0.3275, 0.3351



53.5593, 0.3043, 0.3339



53.5593, 0.2981, 0.3227

Sweetspot

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



53.5616, 0.3212, 0.3242



96.5566, 0.3151, 0.3276



53.4402, 0.3101, 0.3121



20.7031, 0.3150, 0.3277



0.0000, 0.0000, 0.0000



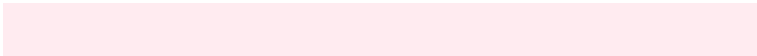
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.5616, 0.3212, 0.3242



86.7644, 0.3228, 0.3233



54.6139, 0.3240, 0.3324



11.2655, 0.3246, 0.3224



8.2879, 0.5793, 0.2965



0.4408, 0.5223, 0.2651

Inverse Universe

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



53.5616, 0.3212, 0.3242



86.7644, 0.3228, 0.3233



57.1930, 0.3021, 0.3256



11.2655, 0.3246, 0.3224



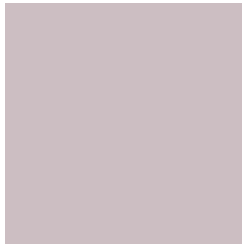
8.2879, 0.5793, 0.2965



0.4408, 0.5223, 0.2651

Previews

White Background



This preview shows how the Yxy color 53.5593, 0.3212, 0.3242 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 53.5593, 0.3212, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

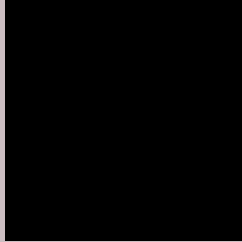
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

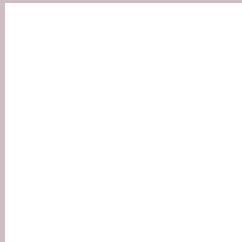
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5593, 0.3212, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 53.5593, 0.3212, 0.3242.



This preview shows how white text looks on a background with the Yxy color 53.5593, 0.3212, 0.3242.

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

53.5593, 0.3212, 0.3242

Protanopia

53.3752, 0.3137, 0.3253

Deuteranopia

53.3297, 0.3265, 0.3196



Tritanopia

53.6861, 0.3151, 0.3124

Trichromacy



Original Color

53.5593, 0.3212, 0.3242

Protanomaly

53.3438, 0.3162, 0.3242

Deuteranomaly

53.3165, 0.3239, 0.3207

Tritanomaly

53.5445, 0.3174, 0.3159

Monochromacy



Original Color

53.5593, 0.3212, 0.3242

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.0858, 0.3152, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5593, 0.3212, 0.3242 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, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 194)  
}
```

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, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.5593, 0.3212, 0.3242 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, 190, 194) }
```

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

```
.border{ border-color:rgb(204, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5593, 0.3212, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 194) }
```

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

```
.background{ background-color: rgb(204,  
190, 194) }
```

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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