

Converting Colors

Yxy(53.7586, 0.3211, 0.3228)

Have a look what the booklet for
Yxy(53.7586, 0.3211, 0.3228)
contains.

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Color

Yxy(53.7462, 0.3212, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	CDBEC3
RGB	205, 190, 195
RGB Percent	80%, 75%, 76%
CMY	0.1960, 0.2549, 0.2352
CMYK	0.00, 0.07, 0.05, 0.20
HSL	340°, 13%, 77%
HSV	340°, 7%, 80%
XYZ	53.4467, 53.7462, 59.2040
YIQ	195.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

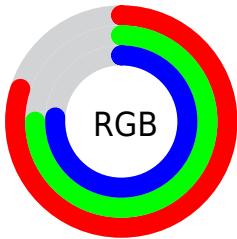
Format	Color
R _Y B	205, 190, 195
Decimal	13483715
CIE Lab	78.31, 6.17, -0.63
CIE LCh	78, 6.205, 354.166
Yxy	53.7462, 0.3212, 0.3230
Android (android.graphics.Color)	4291673795 (0xFFCDBEC3)
YUV	195.0550, -0.0271, 8.7218
Hunter-Lab	73.3118, 1.8367, 3.4378

Details

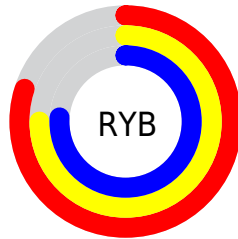
The Yxy color **53.7462, 0.3212, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7873, 0.3049, 0.3351**, and the grayscale version is **54.6079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1998, 0.3149, 0.3233**, and **26.3937, 0.3241, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **44.8946, 0.3350, 0.3144**, and if you desaturate by 10%, it is **63.9080, 0.3099, 0.3311**.

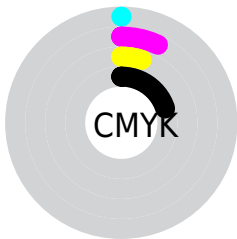
Distribution



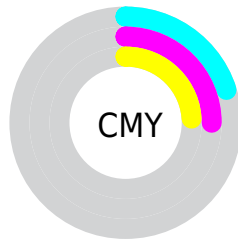
- Red (80%)
- Green (75%)
- Blue (76%)



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



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




- Cyan (20%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7462, 0.3212, 0.3230 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 53.7462, 0.3212, 0.3230 by changing the saturation by 10% instead.


 53.7462, 0.3212,
0.3230

 53.7462, 0.3212,
0.3230


401.1415, 0.3171,
0.3259

 38.3988, 0.3222,
0.3223


 95.7015, 0.3197,
0.3240

 26.2923, 0.3235,
0.3214

123.0782, 0.3192,
0.3244

 17.0425, 0.3251,
0.3202

155.2334, 0.3187,
0.3248

 10.2648, 0.3274,
0.3186

192.5515, 0.3183,
0.3251

 5.5749, 0.3307,
0.3163

235.4170, 0.3179,
0.3253

 2.5883, 0.3359,
0.3126

284.2143, 0.3176,

 0.9208, 0.3454,

0.3256

0.3061

339.3276, 0.3173,
0.3258

0.0000, 0.0000,
0.0000

53.7462, 0.3212,
0.3230

53.7462, 0.3212,
0.3230

44.8946, 0.3350,
0.3144

63.9080, 0.3099,
0.3311

37.2928, 0.3519,
0.3053

75.4232, 0.3007,
0.3386

30.8861, 0.3723,
0.2963

88.3417, 0.2932,
0.3455

25.6129, 0.3967,
0.2877

91.3760, 0.2861,
0.3346

21.4063, 0.4252,
0.2805

91.7217, 0.2833,
0.3289

■ 18.1920, 0.4574,
0.2757

■ 15.8863, 0.4918,
0.2745

■ 14.3912, 0.5260,
0.2780

■ 13.5731, 0.5573,
0.2863

Harmonies

Analogous

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



53.7462, 0.3131, 0.3175



53.7462, 0.3212, 0.3230



53.7462, 0.3270, 0.3301

Triad

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



53.7462, 0.3212, 0.3230



53.7462, 0.3203, 0.3434



53.7462, 0.2967, 0.3207

Complementary

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



53.7462, 0.3212, 0.3230



58.7873, 0.3049, 0.3351

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.



53.7462, 0.2986, 0.3277



53.7462, 0.3212, 0.3230



53.7462, 0.3122, 0.3409

Square

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



53.7462, 0.3212, 0.3230



53.7462, 0.3265, 0.3420



53.7462, 0.3042, 0.3351



53.7462, 0.2990, 0.3161

Rectangle

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



53.7462, 0.3212, 0.3230



53.7462, 0.3288, 0.3349



53.7462, 0.3042, 0.3351



53.7462, 0.2969, 0.3228

Sweetspot

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



53.7485, 0.3212, 0.3230



96.5726, 0.3149, 0.3274



53.4804, 0.3093, 0.3110



20.7064, 0.3148, 0.3275



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.



53.7485, 0.3212, 0.3230



85.2773, 0.3235, 0.3215



54.5082, 0.3249, 0.3317



11.2747, 0.3238, 0.3213



8.3611, 0.5614, 0.2866



0.4454, 0.5059, 0.2560

Inverse Universe

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



53.7485, 0.3212, 0.3230



85.2773, 0.3235, 0.3215



57.9561, 0.3015, 0.3262



11.2747, 0.3238, 0.3213



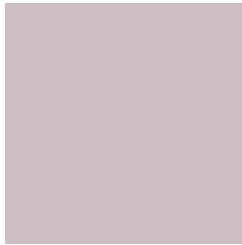
8.3611, 0.5614, 0.2866



0.4454, 0.5059, 0.2560

Previews

White Background



This preview shows how the Yxy color 53.7462, 0.3212, 0.3230 looks on a white background.

Color Contrast Check

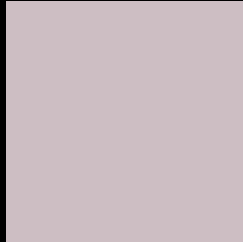
Large Text (above 18pt) WCAG AA × Fail

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 53.7462, 0.3212, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

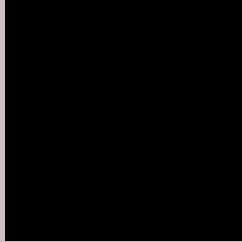
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7462, 0.3212, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 53.7462, 0.3212, 0.3230.



This preview shows how white text looks on a background with the Yxy color 53.7462, 0.3212, 0.3230.

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

53.7462, 0.3212, 0.3230

Protanopia

53.9069, 0.3121, 0.3241

Deuteranopia

53.9036, 0.3272, 0.3208



Tritanopia

53.8288, 0.3159, 0.3124

Trichromacy



Original Color

53.7462, 0.3212, 0.3230

Protanomaly

53.8269, 0.3154, 0.3242

Deuteranomaly

53.8906, 0.3246, 0.3219

Tritanomaly

53.6871, 0.3182, 0.3160

Monochromacy



Original Color

53.7462, 0.3212, 0.3230

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2222, 0.3161, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7462, 0.3212, 0.3230 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(205, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 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(205, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 195) }
```

Border

The CSS property to change the border of an element to Yxy 53.7462, 0.3212, 0.3230 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(205, 190, 195) }
```

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

```
.border{ border-color:rgb(205, 190, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7462, 0.3212, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 195) }
```

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

```
.background{ background-color: rgb(205,  
190, 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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