

Converting Colors

$Y_{xy}(53.5378, 0.3119, 0.3054)$

Have a look what the booklet for
Yxy(53.5378, 0.3119, 0.3054)
contains.

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Color

Yxy(53.6423, 0.3122, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	CEBCD0
RGB	206, 188, 208
RGB Percent	81%, 74%, 82%
CMY	0.1922, 0.2627, 0.1844
CMYK	0.01, 0.10, 0.00, 0.18
HSL	294°, 18%, 78%
HSV	294°, 10%, 82%
XYZ	54.8187, 53.6423, 67.1275
YIQ	195.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

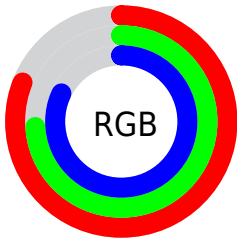
Format	Color
R _Y B	206, 188, 208
Decimal	13548752
CIE Lab	78.25, 9.94, -7.72
CIE LCh	78, 12.580, 322.173
Yxy	53.6423, 0.3122, 0.3055
Android (android.graphics.Color)	4291738832 (0xFFCEBCD0)
YUV	195.6620, 6.0826, 9.0664
Hunter-Lab	73.2409, 5.4306, -3.0724

Details

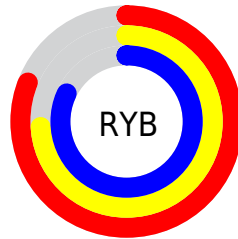
The Yxy color **53.6423, 0.3122, 0.3055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6816, 0.3131, 0.3534**, and the grayscale version is **54.9503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **26.3364, 0.3119, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **45.0946, 0.3114, 0.2802**, and if you desaturate by 10%, it is **63.4791, 0.3127, 0.3299**.

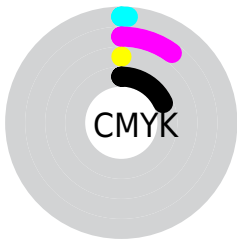
Distribution



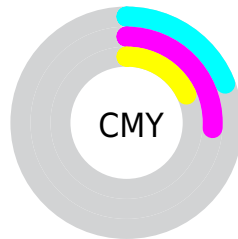
- Red (81%)
- Green (74%)
- Blue (82%)



- Red (81%)
- Yellow (74%)
- Blue (82%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6423, 0.3122, 0.3055 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 53.6423, 0.3122, 0.3055 by changing the saturation by 10% instead.


 53.6423, 0.3122,
0.3055

 53.6423, 0.3122,
0.3055

400.7445, 0.3125,
0.3168

 38.3158, 0.3121,
0.3028


 95.5488, 0.3123,
0.3095

 26.2279, 0.3119,
0.2994


122.8976, 0.3124,
0.3110

 16.9942, 0.3117,
0.2951


155.0226, 0.3124,
0.3123

 10.2303, 0.3114,
0.2892

192.3082, 0.3125,
0.3135

 5.5519, 0.3109,
0.2809

235.1388, 0.3125,
0.3145

 2.5746, 0.3099,
0.2681

283.8988, 0.3125,

 0.9139, 0.3076,

0.3153

0.2464

338.9726, 0.3125,
0.3161

0.0000, 0.1515,
0.0000

0.0000, 0.0000,
0.0000

53.6423, 0.3122,
0.3055

53.6423, 0.3122,
0.3055

45.0946, 0.3114,
0.2802

63.4791, 0.3127,
0.3299

37.7745, 0.3104,
0.2546

74.6493, 0.3131,
0.3531

31.6259, 0.3090,
0.2297

87.2036, 0.3132,
0.3746

26.5856, 0.3074,
0.2062

90.4111, 0.3142,
0.3790

■ 22.5843, 0.3055,
0.1853

■ 90.7252, 0.3155,
0.3788

■ 19.5452, 0.3033,
0.1679

■ 91.0433, 0.3168,
0.3786

■ 17.3804, 0.3009,
0.1546

■ 91.3653, 0.3181,
0.3784

■ 15.9865, 0.2984,
0.1456

■ 91.6914, 0.3195,
0.3782

■ 15.1812, 0.2959,
0.1405

■ 92.0215, 0.3208,
0.3780

Harmonies

Analogous

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



53.6423, 0.2961, 0.3008



53.6423, 0.3122, 0.3055



53.6423, 0.3289, 0.3160

Triad

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



53.6423, 0.3122, 0.3055



53.6423, 0.3414, 0.3547



53.6423, 0.2848, 0.3270

Complementary

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



53.6423, 0.3122, 0.3055



59.6816, 0.3131, 0.3534

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.



53.6423, 0.2964, 0.3424



53.6423, 0.3122, 0.3055



53.6423, 0.3290, 0.3586

Square

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



53.6423, 0.3122, 0.3055



53.6423, 0.3460, 0.3440



53.6423, 0.3125, 0.3542



53.6423, 0.2806, 0.3127

Rectangle

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



53.6423, 0.3122, 0.3055



53.6423, 0.3379, 0.3251



53.6423, 0.3125, 0.3542



53.6423, 0.2880, 0.3323

Sweetspot

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



53.6446, 0.3122, 0.3055



95.0716, 0.3126, 0.3217



52.0755, 0.2979, 0.3069



20.0743, 0.3125, 0.3197



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.



53.6446, 0.3122, 0.3055



81.4333, 0.3120, 0.2991



53.5476, 0.3200, 0.3149



11.9468, 0.3122, 0.3060



9.4698, 0.2961, 0.1405



0.5472, 0.3010, 0.1432

Inverse Universe

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



53.0954, 0.3278, 0.3267



80.3573, 0.3324, 0.3260



59.7815, 0.3061, 0.3436



11.8271, 0.3275, 0.3267



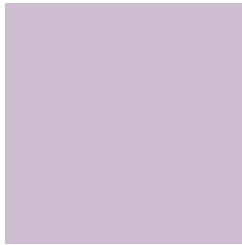
8.3975, 0.6276, 0.3231



0.4762, 0.5936, 0.3044

Previews

White Background



This preview shows how the Yxy color 53.6423, 0.3122, 0.3055 looks on a white background.

Color Contrast Check

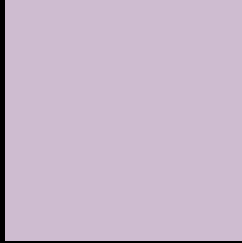
Large Text (above 18pt) WCAG AA × Fail

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 53.6423, 0.3122, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

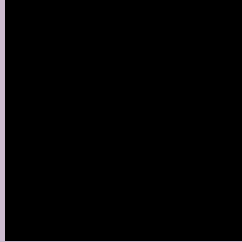
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6423, 0.3122, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 53.6423, 0.3122, 0.3055.



This preview shows how white text looks on a background with the Yxy color 53.6423, 0.3122, 0.3055.

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

53.6423, 0.3122, 0.3055

Protanopia

53.6089, 0.2988, 0.3060

Deuteranopia

53.6423, 0.3122, 0.3055



Tritanopia

53.7340, 0.3144, 0.3112

Trichromacy



Original Color

53.6423, 0.3122, 0.3055

Protanomaly

53.7851, 0.3034, 0.3063

Deuteranomaly

53.6423, 0.3122, 0.3055

Tritanomaly

53.7821, 0.3136, 0.3101

Monochromacy



Original Color

53.6423, 0.3122, 0.3055

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 53.6423, 0.3122, 0.3055 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(206, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 208)  
}
```

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(206, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 208) }
```

Border

The CSS property to change the border of an element to Yxy 53.6423, 0.3122, 0.3055 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(206, 188, 208) }
```

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

```
.border{ border-color:rgb(206, 188, 208) }
```

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

Here you see how a box with a 4 pixel rgb(206, 188, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6423, 0.3122, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 208) }
```

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

```
.background{ background-color: rgb(206,  
188, 208) }
```

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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