

Converting Colors

$Y_{xy}(53.8340, 0.3231, 0.3276)$

Have a look what the booklet for
Yxy(53.8340, 0.3231, 0.3276)
contains.

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Color

Yxy(53.9047, 0.3226, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CCBFC0
RGB	204, 191, 192
RGB Percent	80%, 75%, 75%
CMY	0.2000, 0.2510, 0.2470
CMYK	0.00, 0.06, 0.06, 0.20
HSL	355°, 11%, 77%
HSV	355°, 6%, 80%
XYZ	53.0496, 53.9047, 57.4896
YIQ	195.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

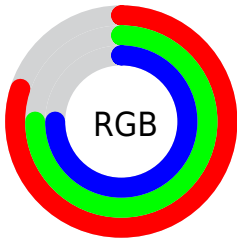
Format	Color
R_{YB}	204, 191, 192
Decimal	13418432
CIE Lab	78.41, 4.75, 1.12
CIE LCh	78, 4.879, 13.273
Yxy	53.9047, 0.3226, 0.3278
Android (android.graphics.Color)	4291608512 (0xFFCCBFC0)
YUV	195.0010, -1.4795, 7.8921
Hunter-Lab	73.4198, 0.4907, 4.9683

Details

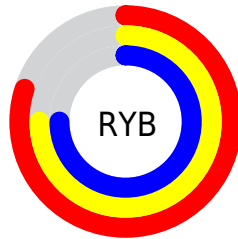
The Yxy color **53.9047, 0.3226, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5756, 0.3036, 0.3302**, and the grayscale version is **54.5817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5588, 0.3172, 0.3281**, and **26.5251, 0.3250, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **44.8391, 0.3412, 0.3258**, and if you desaturate by 10%, it is **64.3208, 0.3077, 0.3297**.

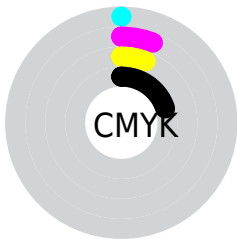
Distribution



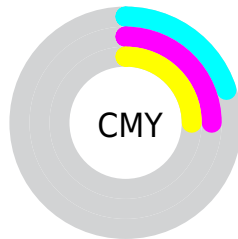
- Red (80%)
- Green (75%)
- Blue (75%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9047, 0.3226, 0.3278 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 53.9047, 0.3226, 0.3278 by changing the saturation by 10% instead.

 53.9047, 0.3226,
0.3278

 53.9047, 0.3226,
0.3278


401.7465, 0.3178,
0.3284

 38.5255, 0.3238,
0.3276


 95.9343, 0.3209,
0.3280

 26.3908, 0.3253,
0.3275


123.3535, 0.3202,
0.3281

 17.1162, 0.3272,
0.3272


155.5547, 0.3197,
0.3282

 10.3174, 0.3299,
0.3268

192.9225, 0.3192,
0.3282

 5.6099, 0.3338,
0.3263

235.8412, 0.3188,
0.3283

 2.6094, 0.3400,
0.3254

284.6951, 0.3184,

 0.9314, 0.3513,

0.3283

0.3237

339.8688, 0.3181,
0.3284

0.0000, 0.0000,
0.0000

53.9047, 0.3226,
0.3278

53.9047, 0.3226,
0.3278

44.8391, 0.3412,
0.3258

64.3208, 0.3077,
0.3297

37.0620, 0.3643,
0.3237

76.1321, 0.2957,
0.3313

30.5170, 0.3929,
0.3217

89.3899, 0.2859,
0.3329

25.1409, 0.4276,
0.3198

91.5780, 0.2827,
0.3289

20.8649, 0.4683,
0.3185

■ 17.6128, 0.5133,
0.3180

■ 15.2989, 0.5586,
0.3189

■ 13.8235, 0.5980,
0.3214

■ 13.0598, 0.6254,
0.3249

Harmonies

Analogous

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



53.9047, 0.3172, 0.3225



53.9047, 0.3226, 0.3278



53.9047, 0.3253, 0.3335

Triad

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



53.9047, 0.3226, 0.3278



53.9047, 0.3147, 0.3394



53.9047, 0.3009, 0.3199

Complementary

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



53.9047, 0.3226, 0.3278



58.5756, 0.3036, 0.3302

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.



53.9047, 0.3003, 0.3243



53.9047, 0.3226, 0.3278



53.9047, 0.3082, 0.3357

Square

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



53.9047, 0.3226, 0.3278



53.9047, 0.3207, 0.3403



53.9047, 0.3029, 0.3301



53.9047, 0.3047, 0.3179

Rectangle

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



53.9047, 0.3226, 0.3278



53.9047, 0.3253, 0.3367



53.9047, 0.3029, 0.3301



53.9047, 0.3003, 0.3211

Sweetspot

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



53.9071, 0.3226, 0.3278



96.4901, 0.3157, 0.3286



54.3076, 0.3126, 0.3135



20.6896, 0.3156, 0.3286



0.0000, 0.0000, 0.0000



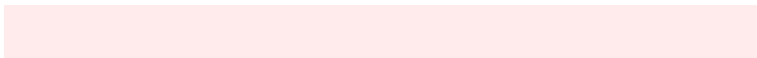
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9071, 0.3226, 0.3278



86.5156, 0.3255, 0.3275



56.2691, 0.3228, 0.3355



11.2277, 0.3278, 0.3272



8.1091, 0.6306, 0.3247



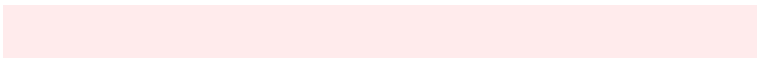
0.4234, 0.6010, 0.3084

Inverse Universe

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



53.9071, 0.3226, 0.3278



86.5156, 0.3255, 0.3275



56.0934, 0.3030, 0.3224



11.2277, 0.3278, 0.3272



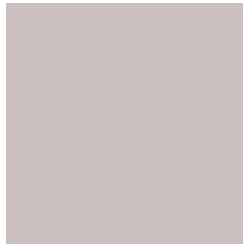
8.1091, 0.6306, 0.3247



0.4234, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 53.9047, 0.3226, 0.3278 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 53.9047, 0.3226, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

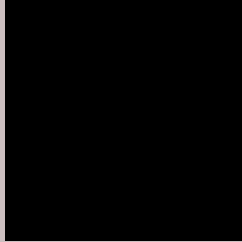
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9047, 0.3226, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 53.9047, 0.3226, 0.3278.



This preview shows how white text looks on a background with the Yxy color 53.9047, 0.3226, 0.3278.

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

53.9047, 0.3226, 0.3278

Protanopia

53.8605, 0.3159, 0.3290

Deuteranopia

53.9628, 0.3297, 0.3232



Tritanopia

53.8766, 0.3152, 0.3113

Trichromacy



Original Color

53.9047, 0.3226, 0.3278

Protanomaly

53.8289, 0.3185, 0.3278

Deuteranomaly

53.9471, 0.3270, 0.3243

Tritanomaly

53.9762, 0.3174, 0.3171

Monochromacy



Original Color

53.9047, 0.3226, 0.3278

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4844, 0.3159, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9047, 0.3226, 0.3278 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.9047, 0.3226, 0.3278 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, 192) }
```

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

```
.border{ border-color:rgb(204, 191, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9047, 0.3226, 0.3278 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, 192) }
```

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

```
.background{ background-color: rgb(204,  
191, 192) }
```

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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