

Converting Colors

Yxy(53.1837, 0.2937, 0.2846)

Have a look what the booklet for
Yxy(53.1837, 0.2937, 0.2846)
contains.

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Color

Yxy(53.1190, 0.2942, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	C7BBE1
RGB	199, 187, 225
RGB Percent	78%, 73%, 88%
CMY	0.2197, 0.2666, 0.1175
CMYK	0.12, 0.17, 0.00, 0.12
HSL	259°, 39%, 81%
HSV	259°, 17%, 88%
XYZ	54.9108, 53.1190, 78.6146
YIQ	194.9200, -5.0460, 14.3620

Conversions

Conversions Part 2

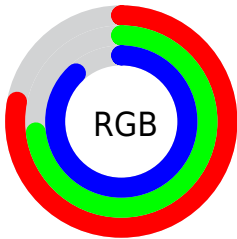
Format	Color
R_{YB}	199, 187, 225
Decimal	13089761
CIE _{Lab}	77.95, 11.49, -17.45
CIE _{LCh}	78, 20.894, 303.376
Yxy	53.1190, 0.2942, 0.2846
Android (android.graphics.Color)	4291279841 (0xFFC7BBE1)
YUV	194.9200, 14.8294, 3.5782
Hunter-Lab	72.8828, 6.9392, -12.9349

Details

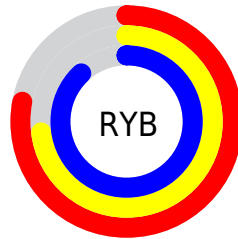
The Yxy color **53.1190, 0.2942, 0.2846** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.6130, 0.3292, 0.3720**, and the grayscale version is **54.4351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **25.9722, 0.2890, 0.2733** is the 20% darker color. If you saturate the color by 10%, you get **42.3051, 0.2810, 0.2550**, and if you desaturate by 10%, it is **65.6473, 0.3057, 0.3118**.

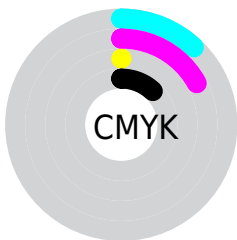
Distribution



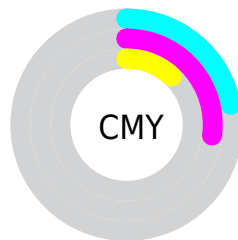
- Red (78%)
- Green (73%)
- Blue (88%)



- Red (78%)
- Yellow (73%)
- Blue (88%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)





- Cyan (22%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1190, 0.2942, 0.2846 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 53.1190, 0.2942, 0.2846 by changing the saturation by 10% instead.


 53.1190, 0.2942,
0.2846

 53.1190, 0.2942,
0.2846


398.7415, 0.3034,
0.3057

 37.8978, 0.2919,
0.2796


 94.7795, 0.2975,
0.2920

 25.9034, 0.2891,
0.2735


121.9875, 0.2988,
0.2949

 16.7514, 0.2853,
0.2655

153.9599, 0.2998,
0.2973

 10.0574, 0.2801,
0.2550

191.0811, 0.3007,
0.2995

 5.4370, 0.2725,
0.2403

233.7354, 0.3015,
0.3013

 2.5059, 0.2607,
0.2186

282.3074, 0.3022,

 0.8796, 0.2398,

0.3030

0.1838

337.1813, 0.3028,
0.3044

0.0000, 0.0621,
0.0000

0.0000, 0.0000,
0.0000

53.1190, 0.2942,
0.2846

53.1190, 0.2942,
0.2846

42.3051, 0.2810,
0.2550

65.6473, 0.3057,
0.3118

33.1231, 0.2663,
0.2236

79.9544, 0.3156,
0.3363

25.4936, 0.2501,
0.1913

96.1095, 0.3241,
0.3582

19.3278, 0.2332,
0.1597

98.2180, 0.3303,
0.3581

■ 14.5277, 0.2162,
0.1304

■ 10.9827, 0.2000,
0.1055

■ 8.5643, 0.1857,
0.0866

■ 7.1081, 0.1740,
0.0744

■ 6.7689, 0.1709,
0.0715

Harmonies

Analogous

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



53.1190, 0.2721, 0.2837



53.1190, 0.2942, 0.2846



53.1190, 0.3222, 0.2961

Triad

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



53.1190, 0.2942, 0.2846



53.1190, 0.3672, 0.3608



53.1190, 0.2773, 0.3419

Complementary

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



53.1190, 0.2942, 0.2846



71.6130, 0.3292, 0.3720

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.



53.1190, 0.3015, 0.3655



53.1190, 0.2942, 0.2846



53.1190, 0.3538, 0.3757

Square

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



53.1190, 0.2942, 0.2846



53.1190, 0.3654, 0.3388



53.1190, 0.3296, 0.3780



53.1190, 0.2627, 0.3154

Rectangle

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



53.1190, 0.2942, 0.2846



53.1190, 0.3406, 0.3084



53.1190, 0.3296, 0.3780



53.1190, 0.2845, 0.3506

Sweetspot

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



53.1212, 0.2942, 0.2846



90.5130, 0.3077, 0.3166



63.9079, 0.2867, 0.3156



19.0985, 0.3069, 0.3148



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.



53.1212, 0.2942, 0.2846



65.6275, 0.2901, 0.2753



55.8007, 0.3086, 0.2865



13.4514, 0.3029, 0.3051



3.9543, 0.1723, 0.0723



0.3207, 0.1891, 0.0816

Inverse Universe

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



56.3660, 0.3239, 0.3000



70.6754, 0.3264, 0.2942



69.0067, 0.3159, 0.3738



13.8584, 0.3186, 0.3131



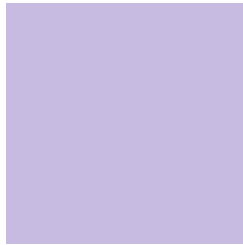
10.5953, 0.4197, 0.2086



0.7504, 0.4007, 0.1981

Previews

White Background



This preview shows how the Yxy color 53.1190, 0.2942, 0.2846 looks on a white background.

Color Contrast Check

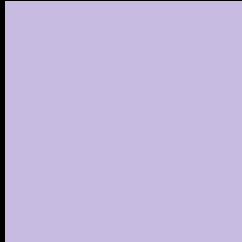
Large Text (above 18pt) WCAG AA × Fail

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 53.1190, 0.2942, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

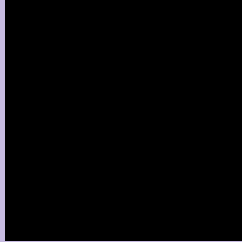
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1190, 0.2942, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 53.1190, 0.2942, 0.2846.



This preview shows how white text looks on a background with the Yxy color 53.1190, 0.2942, 0.2846.

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

53.1190, 0.2942, 0.2846

Protanopia

53.1773, 0.2819, 0.2848

Deuteranopia

53.1384, 0.2920, 0.2855



Tritanopia

52.9705, 0.3063, 0.3109

Trichromacy



Original Color

53.1190, 0.2942, 0.2846

Protanomaly

53.3201, 0.2862, 0.2852

Deuteranomaly

53.2730, 0.2927, 0.2856

Tritanomaly

53.0190, 0.3020, 0.3015

Monochromacy



Original Color

53.1190, 0.2942, 0.2846

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8913, 0.3055, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1190, 0.2942, 0.2846 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(199, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(199, 187, 225)  
}
```

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(199, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 187, 225) }
```

Border

The CSS property to change the border of an element to Yxy 53.1190, 0.2942, 0.2846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

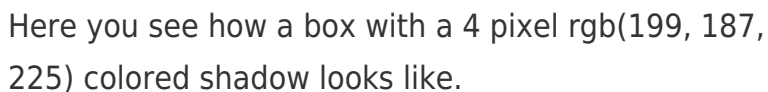
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 187, 225) }
```

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

```
.border{ border-color:rgb(199, 187, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 187, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 187, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 187, 225); box-shadow:4px 4px 4px 4px rgb(199, 187, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1190, 0.2942, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 187, 225) }
```

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

```
.background{ background-color: rgb(199,  
187, 225) }
```

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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