

Converting Colors

Yxy(53.9961, 0.2911, 0.2944)

Have a look what the booklet for
Yxy(53.9961, 0.2911, 0.2944)
contains.

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Color

Yxy(53.9961, 0.2911, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	BFC0DD
RGB	191, 192, 221
RGB Percent	75%, 75%, 87%
CMY	0.2509, 0.2471, 0.1333
CMYK	0.14, 0.13, 0.00, 0.13
HSL	238°, 31%, 81%
HSV	238°, 14%, 87%
XYZ	53.3908, 53.9961, 76.0237
YIQ	195.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

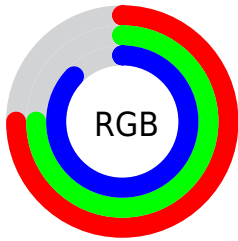
Format	Color
R _Y B	191, 192, 221
Decimal	12566749
CIE Lab	78.46, 5.40, -14.57
CIE LCh	78, 15.537, 290.337
Yxy	53.9961, 0.2911, 0.2944
Android (android.graphics.Color)	4290756829 (0xFFBFC0DD)
YUV	195.0070, 12.8145, -3.5141
Hunter-Lab	73.4820, 1.1016, -9.9034

Details

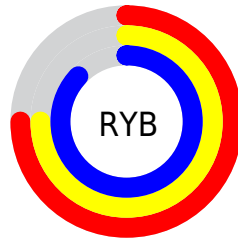
The Yxy color **53.9961, 0.2911, 0.2944** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.3403, 0.3331, 0.3614**, and the grayscale version is **54.5071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3113, 0.3086, 0.3222**, and **26.5368, 0.2849, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **42.6293, 0.2729, 0.2650**, and if you desaturate by 10%, it is **67.1634, 0.3074, 0.3205**.

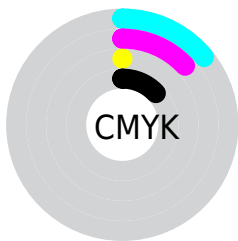
Distribution



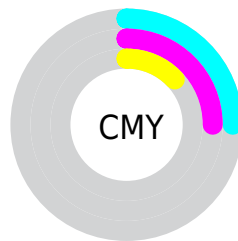
- Red (75%)
- Green (75%)
- Blue (87%)



- Red (75%)
- Yellow (75%)
- Blue (87%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9961, 0.2911, 0.2944 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 53.9961, 0.2911, 0.2944 by changing the saturation by 10% instead.

■ 53.9961, 0.2911,
0.2944

■ 53.9961, 0.2911,
0.2944

402.0951, 0.3017,
0.3110

■ 38.5985, 0.2885,
0.2905

■ 96.0685, 0.2949,
0.3003

■ 26.4476, 0.2853,
0.2855

123.5122, 0.2963,
0.3025

■ 17.1588, 0.2811,
0.2791

155.7400, 0.2975,
0.3045

■ 10.3478, 0.2753,
0.2706

193.1363, 0.2986,
0.3061

■ 5.6301, 0.2671,
0.2585

236.0856, 0.2995,
0.3076

■ 2.6215, 0.2543,
0.2404

284.9723, 0.3003,

■ 0.9375, 0.2321,

0.3089

0.2103

340.1806, 0.3010,
0.3100

0.0000, 0.0000,
0.0000

53.9961, 0.2911,
0.2944

53.9961, 0.2911,
0.2944

42.6293, 0.2729,
0.2650

67.1634, 0.3074,
0.3205

32.9784, 0.2529,
0.2327

82.1976, 0.3217,
0.3433

24.9621, 0.2318,
0.1984

98.0012, 0.3327,
0.3621

18.4899, 0.2106,
0.1636

13.4626, 0.1907,
0.1306

■ 9.7691, 0.1736,
0.1019

■ 7.2825, 0.1608,
0.0801

■ 5.8514, 0.1531,
0.0663

■ 5.3781, 0.1505,
0.0616

Harmonies

Analogous

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



53.9961, 0.2776, 0.2978



53.9961, 0.2911, 0.2944



53.9961, 0.3107, 0.2997

Triad

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



53.9961, 0.2911, 0.2944



53.9961, 0.3538, 0.3463



53.9961, 0.2937, 0.3467

Complementary

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



53.9961, 0.2911, 0.2944



70.3403, 0.3331, 0.3614

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.



53.9961, 0.3137, 0.3609



53.9961, 0.2911, 0.2944



53.9961, 0.3487, 0.3599

Square

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



53.9961, 0.2911, 0.2944



53.9961, 0.3474, 0.3289



53.9961, 0.3339, 0.3656



53.9961, 0.2791, 0.3276

Rectangle

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



53.9961, 0.2911, 0.2944



53.9961, 0.3248, 0.3073



53.9961, 0.3339, 0.3656



53.9961, 0.3000, 0.3522

Sweetspot

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



53.9983, 0.2911, 0.2944



91.9822, 0.3067, 0.3194



67.9669, 0.2927, 0.3301



19.3753, 0.3055, 0.3175



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.



53.9983, 0.2911, 0.2944



70.4197, 0.2866, 0.2872



55.4717, 0.3017, 0.2943



12.6851, 0.2981, 0.3056



3.1557, 0.1506, 0.0622



0.2291, 0.1525, 0.0688

Inverse Universe

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



56.4492, 0.3368, 0.3279



74.3882, 0.3422, 0.3277



68.7502, 0.3226, 0.3636



13.0584, 0.3287, 0.3283



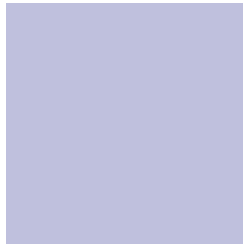
8.9423, 0.6364, 0.3279



0.5818, 0.6252, 0.3218

Previews

White Background



This preview shows how the Yxy color 53.9961, 0.2911, 0.2944 looks on a white background.

Color Contrast Check

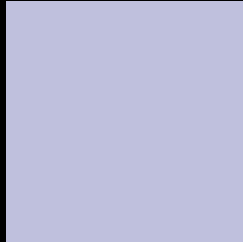
Large Text (above 18pt) WCAG AA × Fail

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 53.9961, 0.2911, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

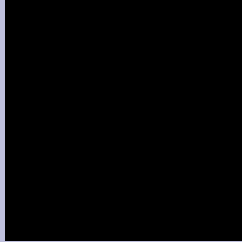
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

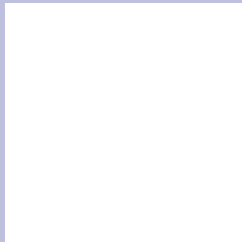
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9961, 0.2911, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 53.9961, 0.2911, 0.2944.



This preview shows how white text looks on a background with the Yxy color 53.9961, 0.2911, 0.2944.

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

53.9961, 0.2911, 0.2944

Protanopia

54.1792, 0.2896, 0.2955

Deuteranopia

53.9485, 0.2972, 0.2904



Tritanopia

54.0058, 0.2980, 0.3107

Trichromacy



Original Color

53.9961, 0.2911, 0.2944

Protanomaly

54.3075, 0.2904, 0.2956

Deuteranomaly

53.9712, 0.2949, 0.2914

Tritanomaly

53.8912, 0.2959, 0.3048

Monochromacy



Original Color

53.9961, 0.2911, 0.2944

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4125, 0.3054, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9961, 0.2911, 0.2944 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(191, 192, 221)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 221)  
}
```

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(191, 192, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 221) }
```

Border

The CSS property to change the border of an element to Yxy 53.9961, 0.2911, 0.2944 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(191, 192, 221) }
```

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

```
.border{ border-color:rgb(191, 192, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 221);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9961, 0.2911, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 221) }
```

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

```
.background{ background-color: rgb(191,  
192, 221) }
```

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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