

Converting Colors

Yxy(53.4665, 0.3020, 0.3220)

Have a look what the booklet for
Yxy(53.4665, 0.3020, 0.3220)
contains.

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Color

Yxy(53.6394, 0.3020, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	BAC3C8
RGB	186, 195, 200
RGB Percent	73%, 76%, 78%
CMY	0.2707, 0.2352, 0.2157
CMYK	0.07, 0.02, 0.00, 0.22
HSL	201°, 11%, 76%
HSV	201°, 7%, 78%
XYZ	50.1831, 53.6394, 62.3467
YIQ	192.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

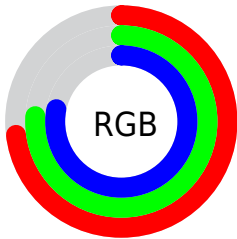
Format	Color
R_{YB}	186, 191, 200
Decimal	12239816
CIE _{Lab}	78.25, -2.13, -3.58
CIE _{LCh}	78, 4.166, 239.170
Yxy	53.6394, 0.3020, 0.3228
Android (android.graphics.Color)	4290429896 (0xFFBAC3C8)
YUV	192.8790, 3.5107, -6.0329
Hunter-Lab	73.2389, -5.8605, 0.7950

Details

The Yxy color **53.6394, 0.3020, 0.3228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0596, 0.3240, 0.3351**, and the grayscale version is **53.2338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7181, 0.3048, 0.3261**, and **26.1116, 0.2994, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **48.2044, 0.2865, 0.3132**, and if you desaturate by 10%, it is **59.5807, 0.3172, 0.3315**.

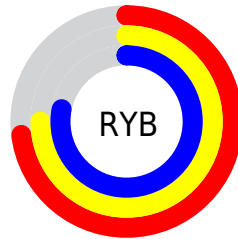
Distribution



Red (73%)

Green (76%)

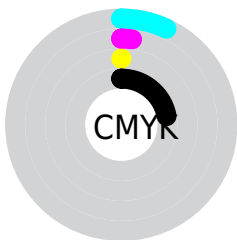
Blue (78%)



Red (73%)

Yellow (75%)

Blue (78%)

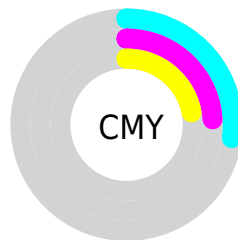


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (24%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6394, 0.3020, 0.3228 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 53.6394, 0.3020, 0.3228 by changing the saturation by 10% instead.


 53.6394, 0.3020,
0.3228

 53.6394, 0.3020,
0.3228


400.7334, 0.3072,
0.3259

 38.3134, 0.3007,
0.3221


 95.5446, 0.3039,
0.3239

 26.2261, 0.2991,
0.3211


122.8926, 0.3046,
0.3243

 16.9928, 0.2970,
0.3199


155.0167, 0.3052,
0.3247

 10.2294, 0.2942,
0.3181

192.3014, 0.3057,
0.3250

 5.5513, 0.2900,
0.3156

235.1311, 0.3062,
0.3252

 2.5742, 0.2835,
0.3116

283.8900, 0.3066,

 0.9137, 0.2718,

0.3255

0.3043

338.9627, 0.3069,
0.3257

0.0000, 0.0000,
0.0000

53.6394, 0.3020,
0.3228

53.6394, 0.3020,
0.3228

48.2044, 0.2865,
0.3132

59.5807, 0.3172,
0.3315

43.2522, 0.2711,
0.3026

66.0372, 0.3320,
0.3393

38.7677, 0.2561,
0.2911

73.0261, 0.3463,
0.3462

34.7319, 0.2417,
0.2787

78.4223, 0.3517,
0.3529

31.1245, 0.2284,
0.2658

82.3042, 0.3502,
0.3599

■ 27.9228, 0.2166,
0.2523

■ 86.3470, 0.3488,
0.3667

■ 25.1020, 0.2066,
0.2387

■ 90.5527, 0.3474,
0.3735

■ 22.6329, 0.1986,
0.2251

■ 94.9231, 0.3460,
0.3801

■ 20.4773, 0.1927,
0.2117

■ 96.9498, 0.3454,
0.3830

Harmonies

Analogous

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



53.6394, 0.3028, 0.3273



53.6394, 0.3020, 0.3228



53.6394, 0.3040, 0.3200

Triad

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



53.6394, 0.3020, 0.3228



53.6394, 0.3192, 0.3257



53.6394, 0.3170, 0.3386

Complementary

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



53.6394, 0.3020, 0.3228



53.0596, 0.3240, 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.



53.6394, 0.3215, 0.3381



53.6394, 0.3020, 0.3228



53.6394, 0.3227, 0.3306

Square

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



53.6394, 0.3020, 0.3228



53.6394, 0.3140, 0.3217



53.6394, 0.3236, 0.3351



53.6394, 0.3114, 0.3365

Rectangle

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



53.6394, 0.3020, 0.3228



53.6394, 0.3067, 0.3195



53.6394, 0.3236, 0.3351



53.6394, 0.3187, 0.3387

Sweetspot

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



53.6417, 0.3020, 0.3228



97.8961, 0.3096, 0.3273



55.4962, 0.3084, 0.3403



20.9759, 0.3098, 0.3273



0.0000, 0.0000, 0.0000



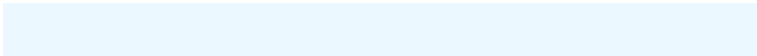
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6417, 0.3020, 0.3228



91.8015, 0.3003, 0.3218



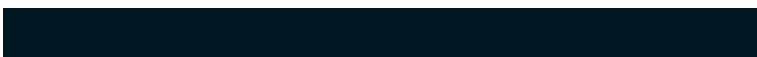
50.6016, 0.3021, 0.3141



11.4096, 0.2984, 0.3206



12.8118, 0.1916, 0.2096



0.7395, 0.1993, 0.2374

Inverse Universe

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



51.3231, 0.3174, 0.3180



87.2103, 0.3182, 0.3162



56.1594, 0.3232, 0.3435



10.7502, 0.3191, 0.3142



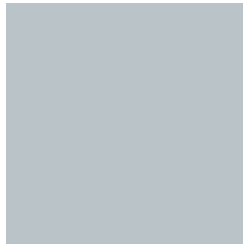
8.8334, 0.4345, 0.2167



0.4317, 0.4050, 0.2005

Previews

White Background



This preview shows how the Yxy color 53.6394, 0.3020, 0.3228 looks on a white background.

Color Contrast Check

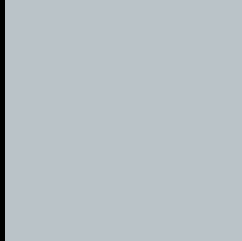
Large Text (above 18pt) WCAG AA × Fail

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 53.6394, 0.3020, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

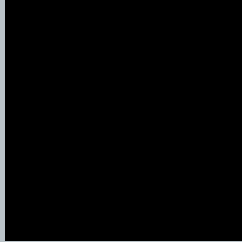
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

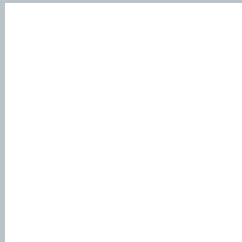
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6394, 0.3020, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 53.6394, 0.3020, 0.3228.



This preview shows how white text looks on a background with the Yxy color 53.6394, 0.3020, 0.3228.

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

53.6394, 0.3020, 0.3228

Protanopia

53.3786, 0.3106, 0.3217

Deuteranopia

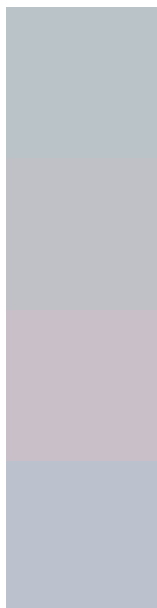
53.5934, 0.3192, 0.3137



Tritanopia

53.7518, 0.2964, 0.3106

Trichromacy



Original Color

53.6394, 0.3020, 0.3228

Protanomaly

53.4699, 0.3075, 0.3216

Deuteranomaly

53.7580, 0.3125, 0.3170

Tritanomaly

53.6046, 0.2985, 0.3142

Monochromacy



Original Color

53.6394, 0.3020, 0.3228

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5162, 0.3081, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6394, 0.3020, 0.3228 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(186, 195, 200)` looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 200)  
}
```

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(186, 195, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.6394, 0.3020, 0.3228 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(186, 195, 200) }
```

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

```
.border{ border-color:rgb(186, 195, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 195, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 200);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6394, 0.3020, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 200) }
```

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

```
.background{ background-color: rgb(186,  
195, 200) }
```

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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