

Converting Colors

Yxy(51.3941, 0.3118, 0.3248)

Have a look what the booklet for
Yxy(51.3941, 0.3118, 0.3248)
contains.

Yxy(51.3218, 0.3113, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.3218, 0.3113, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDC1
RGB	191, 189, 193
RGB Percent	75%, 74%, 76%
CMY	0.2510, 0.2588, 0.2431
CMYK	0.01, 0.02, 0.00, 0.24
HSL	270°, 3%, 75%
HSV	270°, 2%, 76%
XYZ	49.3101, 51.3218, 57.7687
YIQ	190.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

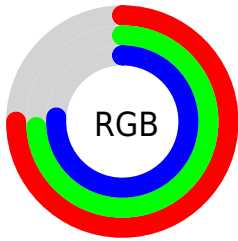
Format	Color
R _Y B	191, 189, 193
Decimal	12565953
CIE Lab	76.87, 1.45, -1.78
CIE LCh	77, 2.296, 309.023
Yxy	51.3218, 0.3113, 0.3240
Android (android.graphics.Color)	4290756033 (0xFFBFBDC1)
YUV	190.0540, 1.4524, 0.8296
Hunter-Lab	71.6392, -2.5051, 2.3370

Details

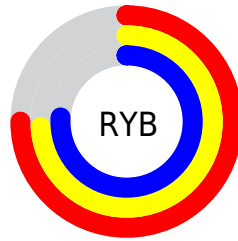
The Yxy color **51.3218, 0.3113, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9011, 0.3141, 0.3340**, and the grayscale version is **51.5183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9185, 0.3116, 0.3251**, and **24.9050, 0.3108, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **42.3481, 0.3038, 0.2987**, and if you desaturate by 10%, it is **61.4884, 0.3177, 0.3472**.

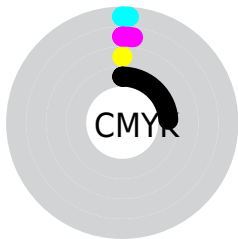
Distribution



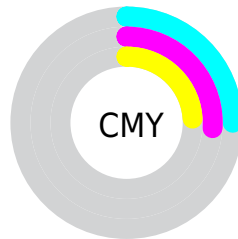
- Red (75%)
- Green (74%)
- Blue (76%)



- Red (75%)
- Yellow (74%)
- Blue (76%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3218, 0.3113, 0.3240 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 51.3218, 0.3113, 0.3240 by changing the saturation by 10% instead.

■ 51.3218, 0.3113,
0.3240

■ 51.3218, 0.3113,
0.3240

391.8128, 0.3120,
0.3265

■ 36.4648, 0.3111,
0.3234

■ 92.1303, 0.3116,
0.3249

■ 24.7934, 0.3109,
0.3226

118.8505, 0.3117,
0.3252

■ 15.9232, 0.3106,
0.3216

150.2939, 0.3117,
0.3255

■ 9.4698, 0.3102,
0.3202

186.8449, 0.3118,
0.3258

■ 5.0489, 0.3096,
0.3182

228.8879, 0.3119,
0.3260

■ 2.2760, 0.3086,
0.3150

276.8073, 0.3119,

■ 0.7609, 0.3068,

0.3262

0.3077

330.9875, 0.3120,
0.3263

■ 0.0000, 0.0000,
0.0000

■ 51.3218, 0.3113,
0.3240

■ 51.3218, 0.3113,
0.3240

■ 42.3481, 0.3038,
0.2987

■ 61.4884, 0.3177,
0.3472

■ 34.5157, 0.2950,
0.2714

■ 72.8839, 0.3230,
0.3681

■ 27.7790, 0.2850,
0.2426

■ 85.5506, 0.3275,
0.3869

■ 22.0869, 0.2737,
0.2130

■ 92.1646, 0.3328,
0.3934

■ 17.3838, 0.2614,
0.1837

■ 93.8138, 0.3392,
0.3921

■ 13.6089, 0.2483,
0.1560

■ 95.5538, 0.3457,
0.3907

■ 10.6945, 0.2351,
0.1315

■ 96.6310, 0.3496,
0.3899

■ 8.5632, 0.2221,
0.1114

■ 7.1228, 0.2102,
0.0968

Harmonies

Analogous

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



51.3218, 0.3085, 0.3238



51.3218, 0.3113, 0.3240



51.3218, 0.3144, 0.3256

Triad

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



51.3218, 0.3113, 0.3240



51.3218, 0.3186, 0.3331



51.3218, 0.3083, 0.3300

Complementary

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



51.3218, 0.3113, 0.3240



52.9011, 0.3141, 0.3340

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.



51.3218, 0.3110, 0.3325



51.3218, 0.3113, 0.3240



51.3218, 0.3169, 0.3343

Square

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



51.3218, 0.3113, 0.3240



51.3218, 0.3187, 0.3308



51.3218, 0.3141, 0.3341



51.3218, 0.3068, 0.3272

Rectangle

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



51.3218, 0.3113, 0.3240



51.3218, 0.3163, 0.3272



51.3218, 0.3141, 0.3341



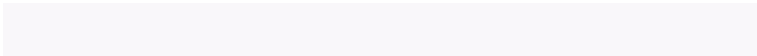
51.3218, 0.3091, 0.3309

Sweetspot

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



51.3240, 0.3113, 0.3240



93.7372, 0.3120, 0.3266



51.9657, 0.3096, 0.3266



20.1288, 0.3121, 0.3267



97.7402, 0.3127, 0.3290



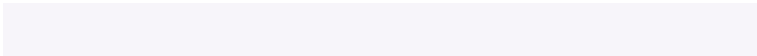
20.4902, 0.3127, 0.3290

Same Dimension

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



51.3240, 0.3113, 0.3240



91.9859, 0.3113, 0.3241



51.5787, 0.3129, 0.3240



11.5215, 0.3114, 0.3245



4.2606, 0.2028, 0.0891



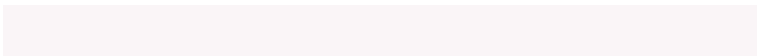
0.2251, 0.2276, 0.1027

Inverse Universe

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



51.4990, 0.3145, 0.3265



92.2921, 0.3144, 0.3266



52.6498, 0.3125, 0.3340



11.5568, 0.3143, 0.3268



8.1316, 0.4925, 0.2487



0.3653, 0.4442, 0.2221

Previews

White Background



This preview shows how the Yxy color 51.3218, 0.3113, 0.3240 looks on a white background.

Color Contrast Check

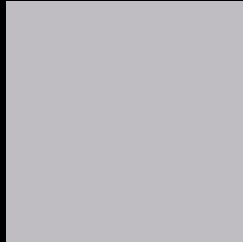
Large Text (above 18pt) WCAG AA × Fail

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 51.3218, 0.3113, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

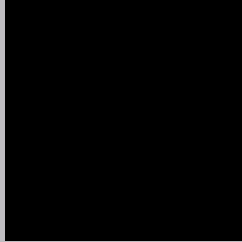
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3218, 0.3113, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 51.3218, 0.3113, 0.3240.



This preview shows how white text looks on a background with the Yxy color 51.3218, 0.3113, 0.3240.

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

51.3218, 0.3113, 0.3240

Protanopia

51.4519, 0.3121, 0.3240

Deuteranopia

51.2978, 0.3234, 0.3170



Tritanopia

51.4372, 0.3054, 0.3118

Trichromacy



Original Color

51.3218, 0.3113, 0.3240

Protanomaly

51.4519, 0.3121, 0.3240

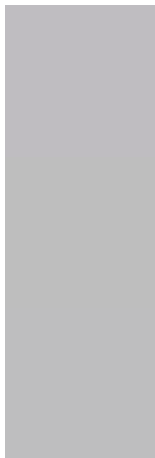
Deuteranomaly

51.4304, 0.3190, 0.3193

Tritanomaly

51.2964, 0.3076, 0.3154

Monochromacy



Original Color

51.3218, 0.3113, 0.3240

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5356, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3218, 0.3113, 0.3240 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, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 193)  
}
```

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, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.3218, 0.3113, 0.3240 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, 189, 193) }
```

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

```
.border{ border-color:rgb(191, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3218, 0.3113, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 193) }
```

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

```
.background{ background-color: rgb(191,  
189, 193) }
```

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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