

Converting Colors

Yxy(51.3570, 0.3124, 0.3266)

Have a look what the booklet for
Yxy(51.3570, 0.3124, 0.3266)
contains.

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Color

Yxy(51.2331, 0.3128, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDBF
RGB	191, 189, 191
RGB Percent	75%, 74%, 75%
CMY	0.2511, 0.2588, 0.2509
CMYK	0.00, 0.01, 0.00, 0.25
HSL	299°, 2%, 75%
HSV	299°, 1%, 75%
XYZ	49.0833, 51.2331, 56.5996
YIQ	189.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

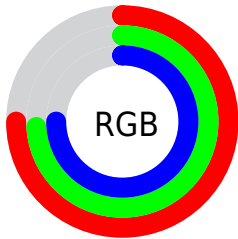
Format	Color
RYB	191, 189, 191
Decimal	12565951
CIELab	76.82, 1.06, -0.78
CIELCh	77, 1.313, 323.773
Yxy	51.2331, 0.3128, 0.3265
Android (android.graphics.Color)	4290756031 (0xFFBFBDBF)
YUV	189.8260, 0.5788, 1.0296
Hunter-Lab	71.5773, -2.8559, 3.2206

Details

The Yxy color **51.2331, 0.3128, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7679, 0.3126, 0.3315**, and the grayscale version is **51.3831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7944, 0.3128, 0.3270**, and **24.8466, 0.3129, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **43.5007, 0.3136, 0.3022**, and if you desaturate by 10%, it is **60.0523, 0.3120, 0.3498**.

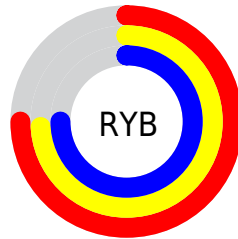
Distribution



Red (75%)

Green (74%)

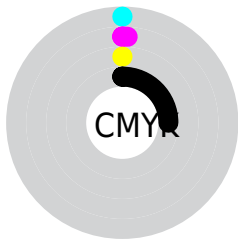
Blue (75%)



Red (75%)

Yellow (74%)

Blue (75%)

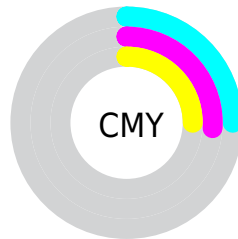


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (26%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2331, 0.3128, 0.3265 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 51.2331, 0.3128, 0.3265 by changing the saturation by 10% instead.

 51.2331, 0.3128,
0.3265

 51.2331, 0.3128,
0.3265

391.4688, 0.3128,
0.3277

 36.3942, 0.3128,
0.3262

 91.9992, 0.3128,
0.3269

 24.7388, 0.3128,
0.3258


118.6952, 0.3128,
0.3271

 15.8825, 0.3128,
0.3253


150.1123, 0.3128,
0.3273

 9.4411, 0.3129,
0.3246

186.6350, 0.3128,
0.3274

 5.0300, 0.3129,
0.3236

228.6476, 0.3128,
0.3275

 2.2649, 0.3129,
0.3219

276.5344, 0.3128,

 0.7550, 0.3131,

0.3276

0.3179

330.6800, 0.3128,
0.3277

0.0000, 0.0000,
0.0000

51.2331, 0.3128,
0.3265

51.2331, 0.3128,
0.3265

43.5007, 0.3136,
0.3022

60.0523, 0.3120,
0.3498

36.8066, 0.3144,
0.2773

69.9915, 0.3112,
0.3717

31.1082, 0.3151,
0.2526

81.0904, 0.3105,
0.3920

26.3576, 0.3156,
0.2288

86.5573, 0.3103,
0.4006

22.5030, 0.3161,
0.2070

86.6082, 0.3105,
0.4006

■ 19.4875, 0.3164,
0.1881

■ 86.6592, 0.3107,
0.4005

■ 17.2476, 0.3165,
0.1728

■ 86.7103, 0.3110,
0.4005

■ 15.7112, 0.3165,
0.1617

■ 86.7616, 0.3112,
0.4004

■ 14.7921, 0.3162,
0.1548

■ 86.8130, 0.3114,
0.4004

Harmonies

Analogous

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



51.2331, 0.3111, 0.3260



51.2331, 0.3128, 0.3265



51.2331, 0.3145, 0.3277

Triad

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



51.2331, 0.3128, 0.3265



51.2331, 0.3157, 0.3318



51.2331, 0.3097, 0.3288

Complementary

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



51.2331, 0.3128, 0.3265



51.7679, 0.3126, 0.3315

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.



51.2331, 0.3109, 0.3303



51.2331, 0.3128, 0.3265



51.2331, 0.3144, 0.3321

Square

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



51.2331, 0.3128, 0.3265



51.2331, 0.3162, 0.3308



51.2331, 0.3126, 0.3316



51.2331, 0.3093, 0.3273

Rectangle

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



51.2331, 0.3128, 0.3265



51.2331, 0.3154, 0.3287



51.2331, 0.3126, 0.3316



51.2331, 0.3100, 0.3293

Sweetspot

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



51.2353, 0.3128, 0.3265



93.3107, 0.3127, 0.3290



51.0114, 0.3112, 0.3266



20.4902, 0.3127, 0.3290



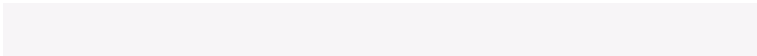
97.7402, 0.3127, 0.3290

Same Dimension

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



51.2353, 0.3128, 0.3265



91.7959, 0.3128, 0.3266



51.1995, 0.3135, 0.3277



11.1119, 0.3128, 0.3268



9.4298, 0.3159, 0.1514



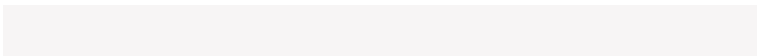
0.3725, 0.3172, 0.1521

Inverse Universe

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



51.1548, 0.3143, 0.3290



91.6561, 0.3143, 0.3290



51.8034, 0.3119, 0.3303



11.0964, 0.3142, 0.3290



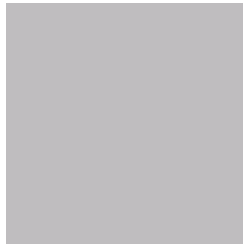
7.2863, 0.6375, 0.3285



0.2865, 0.6275, 0.3231

Previews

White Background



This preview shows how the Yxy color 51.2331, 0.3128, 0.3265 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 51.2331, 0.3128, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

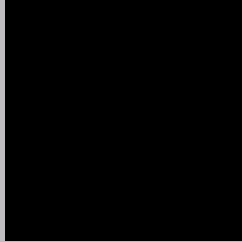
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

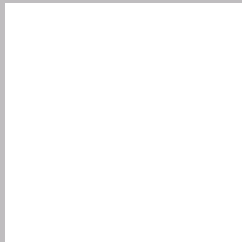
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2331, 0.3128, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 51.2331, 0.3128, 0.3265.

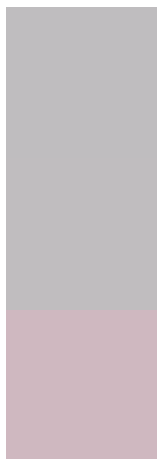


This preview shows how white text looks on a background with the Yxy color 51.2331, 0.3128, 0.3265.

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

51.2331, 0.3128, 0.3265

Protanopia

51.3632, 0.3137, 0.3265

Deuteranopia

51.3521, 0.3259, 0.3194



Tritanopia

51.1424, 0.3062, 0.3106

Trichromacy



Original Color

51.2331, 0.3128, 0.3265

Protanomaly

51.3632, 0.3137, 0.3265

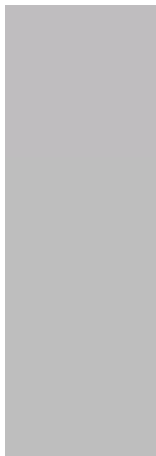
Deuteranomaly

51.3411, 0.3206, 0.3217

Tritanomaly

51.2501, 0.3084, 0.3166

Monochromacy



Original Color

51.2331, 0.3128, 0.3265

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4918, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2331, 0.3128, 0.3265 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, 191)` looks like.

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

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, 191) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 51.2331, 0.3128, 0.3265 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, 191) }
```

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

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

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, 191)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 51.2331, 0.3128, 0.3265 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, 191) }
```

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

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

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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