

Converting Colors

Yxy(53.3446, 0.3131, 0.3205)

Have a look what the booklet for
Yxy(53.3446, 0.3131, 0.3205)
contains.

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Color

Yxy(53.3446, 0.3131, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	C6BFC6
RGB	198, 191, 198
RGB Percent	78%, 75%, 78%
CMY	0.2235, 0.2510, 0.2235
CMYK	0.00, 0.04, 0.00, 0.22
HSL	300°, 6%, 76%
HSV	300°, 4%, 78%
XYZ	52.1129, 53.3446, 60.9843
YIQ	193.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

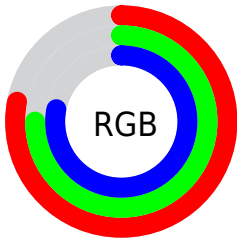
Format	Color
R_{YB}	198, 191, 198
Decimal	13025222
CIE Lab	78.08, 3.73, -2.66
CIE LCh	78, 4.576, 324.509
Yxy	53.3446, 0.3131, 0.3205
Android (android.graphics.Color)	4291215302 (0xFFC6BFC6)
YUV	193.8910, 2.0257, 3.6036
Hunter-Lab	73.0374, -0.4538, 1.6206

Details

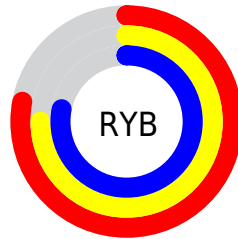
The Yxy color **53.3446, 0.3131, 0.3205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2362, 0.3123, 0.3376**, and the grayscale version is **53.8692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **26.1199, 0.3132, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **45.2789, 0.3142, 0.2960**, and if you desaturate by 10%, it is **62.5826, 0.3120, 0.3441**.

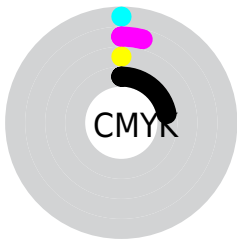
Distribution



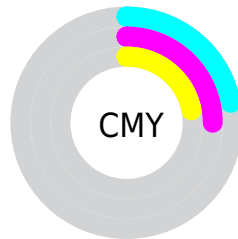
- Red (78%)
- Green (75%)
- Blue (78%)



- Red (78%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)




- Cyan (22%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3446, 0.3131, 0.3205 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 53.3446, 0.3131, 0.3205 by changing the saturation by 10% instead.

 53.3446, 0.3131,
0.3205

 53.3446, 0.3131,
0.3205


399.6058, 0.3129,
0.3246

 38.0779, 0.3131,
0.3195


 95.1113, 0.3130,
0.3220

 26.0432, 0.3132,
0.3182


122.3800, 0.3130,
0.3225

 16.8559, 0.3132,
0.3166


154.4183, 0.3130,
0.3230

 10.1318, 0.3133,
0.3143

191.6104, 0.3130,
0.3234

 5.4865, 0.3134,
0.3111

234.3409, 0.3130,
0.3238

 2.5354, 0.3135,
0.3060

282.9940, 0.3130,

 0.8943, 0.3137,

0.3241

0.2969

337.9542, 0.3129,
0.3244

0.0000, 0.0000,
0.0000

53.3446, 0.3131,
0.3205

53.3446, 0.3131,
0.3205

45.2789, 0.3142,
0.2960

62.5826, 0.3120,
0.3441

38.3319, 0.3153,
0.2711

73.0298, 0.3110,
0.3665

32.4565, 0.3164,
0.2466

84.7301, 0.3101,
0.3873

27.5991, 0.3174,
0.2235

87.6313, 0.3099,
0.3919

23.7020, 0.3183,
0.2026

87.6384, 0.3099,
0.3919

■ 20.7012, 0.3191,
0.1849

■ 87.6454, 0.3099,
0.3919

■ 18.5255, 0.3197,
0.1710

■ 87.6524, 0.3100,
0.3918

■ 17.0924, 0.3200,
0.1613

■ 87.6595, 0.3100,
0.3918

■ 16.3027, 0.3202,
0.1558

■ 87.6665, 0.3100,
0.3918

Harmonies

Analogous

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



53.3446, 0.3071, 0.3186



53.3446, 0.3131, 0.3205



53.3446, 0.3191, 0.3246

Triad

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



53.3446, 0.3131, 0.3205



53.3446, 0.3229, 0.3386



53.3446, 0.3022, 0.3280

Complementary

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



53.3446, 0.3131, 0.3205



55.2362, 0.3123, 0.3376

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.



53.3446, 0.3064, 0.3335



53.3446, 0.3131, 0.3205



53.3446, 0.3183, 0.3396

Square

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



53.3446, 0.3131, 0.3205



53.3446, 0.3247, 0.3350



53.3446, 0.3123, 0.3378



53.3446, 0.3009, 0.3228

Rectangle

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



53.3446, 0.3131, 0.3205



53.3446, 0.3222, 0.3281



53.3446, 0.3123, 0.3378



53.3446, 0.3033, 0.3298

Sweetspot

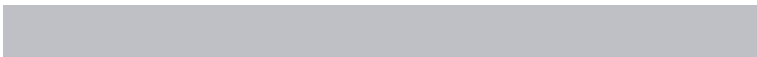
The Sweet Spot groups the original color and five complimentary colors.



53.3469, 0.3131, 0.3205



98.3825, 0.3128, 0.3266



52.4695, 0.3075, 0.3205



21.0750, 0.3128, 0.3267



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.



53.3469, 0.3131, 0.3205



93.6588, 0.3132, 0.3192



53.1947, 0.3157, 0.3246



11.6774, 0.3132, 0.3177



10.4142, 0.3203, 0.1538



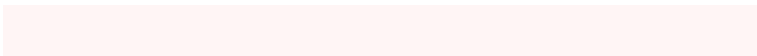
0.4936, 0.3204, 0.1539

Inverse Universe

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



53.0341, 0.3184, 0.3290



93.0259, 0.3193, 0.3290



55.3848, 0.3099, 0.3334



11.5856, 0.3204, 0.3290



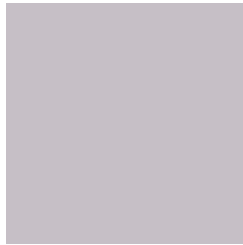
7.8086, 0.6398, 0.3298



0.3699, 0.6386, 0.3292

Previews

White Background



This preview shows how the Yxy color 53.3446, 0.3131, 0.3205 looks on a white background.

Color Contrast Check

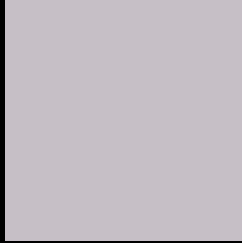
Large Text (above 18pt) WCAG AA × Fail

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 53.3446, 0.3131, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

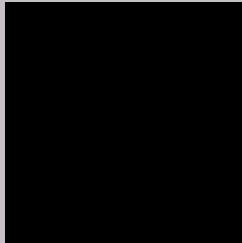
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

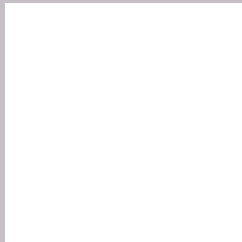
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3446, 0.3131, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 53.3446, 0.3131, 0.3205.

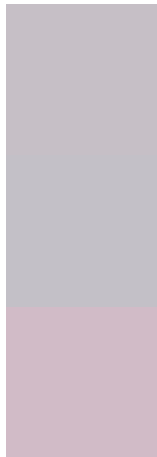


This preview shows how white text looks on a background with the Yxy color 53.3446, 0.3131, 0.3205.

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

53.3446, 0.3131, 0.3205

Protanopia

53.4249, 0.3099, 0.3205

Deuteranopia

53.2195, 0.3217, 0.3148



Tritanopia

53.3768, 0.3087, 0.3110

Trichromacy



Original Color

53.3446, 0.3131, 0.3205

Protanomaly

53.5586, 0.3107, 0.3205

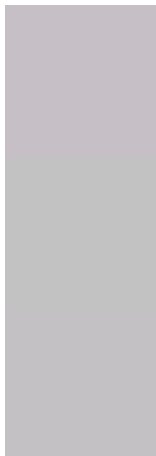
Deuteranomaly

53.0691, 0.3183, 0.3159

Tritanomaly

53.2333, 0.3110, 0.3145

Monochromacy



Original Color

53.3446, 0.3131, 0.3205

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6822, 0.3128, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3446, 0.3131, 0.3205 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(198, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 198)  
}
```

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(198, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.3446, 0.3131, 0.3205 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(198, 191, 198) }
```

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

```
.border{ border-color:rgb(198, 191, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3446, 0.3131, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 198) }
```

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

```
.background{ background-color: rgb(198,  
191, 198) }
```

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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