

Converting Colors

Yxy(53.2756, 0.3164, 0.3206)

Have a look what the booklet for
Yxy(53.2756, 0.3164, 0.3206)
contains.

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Color

Yxy(53.2756, 0.3164, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	C9BEC5
RGB	201, 190, 197
RGB Percent	79%, 75%, 77%
CMY	0.2117, 0.2549, 0.2275
CMYK	0.00, 0.05, 0.02, 0.21
HSL	322°, 9%, 77%
HSV	322°, 5%, 79%
XYZ	52.5777, 53.2756, 60.3214
YIQ	194.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

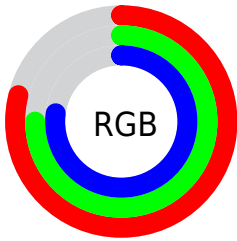
Format	Color
R _Y B	201, 190, 197
Decimal	13221573
CIE Lab	78.04, 5.11, -2.13
CIE LCh	78, 5.539, 337.413
Yxy	53.2756, 0.3164, 0.3206
Android (android.graphics.Color)	4291411653 (0xFFC9BEC5)
YUV	194.0870, 1.4361, 6.0627
Hunter-Lab	72.9901, 0.8478, 2.0939

Details

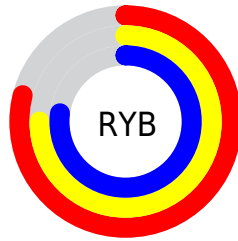
The Yxy color **53.2756, 0.3164, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6205, 0.3092, 0.3375**, and the grayscale version is **53.9932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3273, 0.3137, 0.3214**, and **26.0775, 0.3176, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **44.8332, 0.3241, 0.3046**, and if you desaturate by 10%, it is **62.9399, 0.3099, 0.3357**.

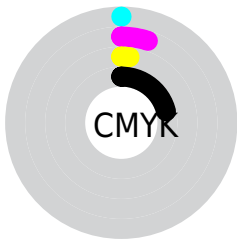
Distribution



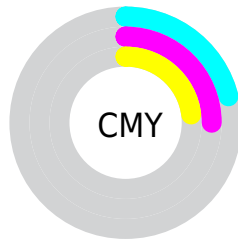
- Red (79%)
- Green (75%)
- Blue (77%)



- Red (79%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2756, 0.3164, 0.3206 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 53.2756, 0.3164, 0.3206 by changing the saturation by 10% instead.

 53.2756, 0.3164,
0.3206

 53.2756, 0.3164,
0.3206


399.3416, 0.3146,
0.3247

 38.0228, 0.3168,
0.3196


 95.0098, 0.3158,
0.3221

 26.0004, 0.3174,
0.3184

122.2600, 0.3155,
0.3226

 16.8239, 0.3181,
0.3167


154.2781, 0.3153,
0.3231

 10.1090, 0.3191,
0.3145

191.4486, 0.3151,
0.3235

 5.4713, 0.3204,
0.3113

234.1558, 0.3150,
0.3239

 2.5264, 0.3226,
0.3063

282.7841, 0.3148,

 0.8898, 0.3265,

0.3242

0.2973

337.7179, 0.3147,
0.3244

0.0000, 0.0000,
0.0000

53.2756, 0.3164,
0.3206

53.2756, 0.3164,
0.3206

44.8332, 0.3241,
0.3046

62.9399, 0.3099,
0.3357

37.5567, 0.3332,
0.2881

73.8654, 0.3045,
0.3499

31.3961, 0.3439,
0.2715

86.0983, 0.3000,
0.3630

26.2947, 0.3561,
0.2555

89.4523, 0.2960,
0.3596

22.1913, 0.3699,
0.2410

89.8661, 0.2921,
0.3516

■ 19.0181, 0.3851,
0.2290

■ 90.2975, 0.2882,
0.3436

■ 16.6987, 0.4012,
0.2208

■ 90.7466, 0.2844,
0.3357

■ 15.1447, 0.4176,
0.2172

■ 91.1583, 0.2811,
0.3289

■ 14.2475, 0.4338,
0.2187

Harmonies

Analogous

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



53.2756, 0.3089, 0.3170



53.2756, 0.3164, 0.3206



53.2756, 0.3230, 0.3264

Triad

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



53.2756, 0.3164, 0.3206



53.2756, 0.3230, 0.3416



53.2756, 0.2989, 0.3249

Complementary

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



53.2756, 0.3164, 0.3206



56.6205, 0.3092, 0.3375

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.



53.2756, 0.3025, 0.3316



53.2756, 0.3164, 0.3206



53.2756, 0.3164, 0.3413

Square

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



53.2756, 0.3164, 0.3206



53.2756, 0.3268, 0.3385



53.2756, 0.3089, 0.3377



53.2756, 0.2988, 0.3194

Rectangle

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



53.2756, 0.3164, 0.3206



53.2756, 0.3259, 0.3307



53.2756, 0.3089, 0.3377



53.2756, 0.2997, 0.3271

Sweetspot

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



53.2779, 0.3164, 0.3206



96.6694, 0.3140, 0.3259



52.4970, 0.3076, 0.3156



20.7261, 0.3140, 0.3261



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.



53.2779, 0.3164, 0.3206



88.7214, 0.3176, 0.3181



53.0382, 0.3205, 0.3270



11.0994, 0.3179, 0.3174



8.7958, 0.4390, 0.2192



0.4301, 0.4082, 0.2022

Inverse Universe

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



53.2779, 0.3164, 0.3206



88.7214, 0.3176, 0.3181



56.8640, 0.3054, 0.3310



11.0994, 0.3179, 0.3174



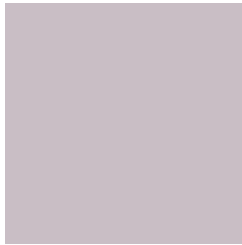
8.7958, 0.4390, 0.2192



0.4301, 0.4082, 0.2022

Previews

White Background



This preview shows how the Yxy color 53.2756, 0.3164, 0.3206 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 53.2756, 0.3164, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

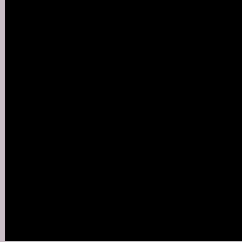
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

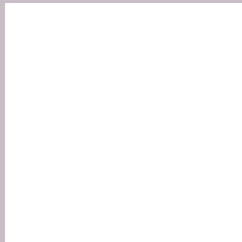
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2756, 0.3164, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 53.2756, 0.3164, 0.3206.



This preview shows how white text looks on a background with the Yxy color 53.2756, 0.3164, 0.3206.

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

53.2756, 0.3164, 0.3206

Protanopia

53.3786, 0.3106, 0.3217

Deuteranopia

53.1732, 0.3225, 0.3160



Tritanopia

53.3114, 0.3119, 0.3111

Trichromacy



Original Color

53.2756, 0.3164, 0.3206

Protanomaly

53.2091, 0.3123, 0.3205

Deuteranomaly

53.1655, 0.3199, 0.3171

Tritanomaly

53.1688, 0.3142, 0.3146

Monochromacy



Original Color

53.2756, 0.3164, 0.3206

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9504, 0.3144, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2756, 0.3164, 0.3206 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(201, 190, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 197)  
}
```

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(201, 190, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.2756, 0.3164, 0.3206 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(201, 190, 197) }
```

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

```
.border{ border-color:rgb(201, 190, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 190, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 190, 197); box-shadow:4px 4px 4px 4px rgb(201, 190, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2756, 0.3164, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 197) }
```

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

```
.background{ background-color: rgb(201,  
190, 197) }
```

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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