

Converting Colors

$Yxy(51.8567, 0.3282, 0.3366)$

Have a look what the booklet for
Yxy(51.8567, 0.3282, 0.3366)
contains.

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Color

Yxy(51.7613, 0.3283, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	C9BCB6
RGB	201, 188, 182
RGB Percent	79%, 74%, 71%
CMY	0.2118, 0.2627, 0.2862
CMYK	0.00, 0.06, 0.09, 0.21
HSL	19°, 15%, 75%
HSV	19°, 9%, 79%
XYZ	50.5150, 51.7613, 51.5920
YIQ	191.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

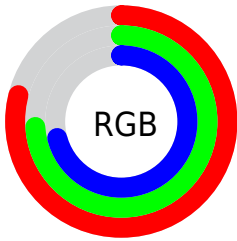
Format	Color
R _{YB}	201, 191, 182
Decimal	13221046
CIE Lab	77.14, 3.55, 4.66
CIE LCh	77, 5.861, 52.695
Yxy	51.7613, 0.3283, 0.3364
Android (android.graphics.Color)	4291411126 (0xFFC9BCB6)
YUV	191.2030, -4.5371, 8.5920
Hunter-Lab	71.9453, -0.5741, 7.8448

Details

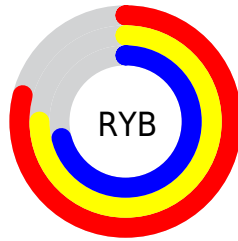
The Yxy color **51.7613, 0.3283, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1991, 0.2983, 0.3215**, and the grayscale version is **52.2484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1344, 0.3236, 0.3349**, and **25.1160, 0.3328, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **45.3897, 0.3477, 0.3447**, and if you desaturate by 10%, it is **58.8173, 0.3119, 0.3286**.

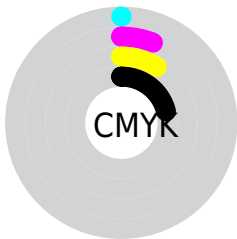
Distribution



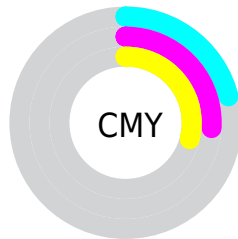
- Red (79%)
- Green (74%)
- Blue (71%)



- Red (79%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7613, 0.3283, 0.3364 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 51.7613, 0.3283, 0.3364 by changing the saturation by 10% instead.


 51.7613, 0.3283,
0.3364

 51.7613, 0.3283,
0.3364


393.5144, 0.3206,
0.3328

 36.8148, 0.3302,
0.3373


 92.7791, 0.3255,
0.3351

 25.0642, 0.3326,
0.3384


119.6193, 0.3245,
0.3346

 16.1249, 0.3358,
0.3398


151.1928, 0.3236,
0.3342

 9.6126, 0.3401,
0.3417

187.8840, 0.3228,
0.3339

 5.1428, 0.3466,
0.3445

230.0774, 0.3222,
0.3335

 2.3313, 0.3569,
0.3488

278.1573, 0.3216,

 0.7902, 0.3874,

0.3333

0.3654

332.5082, 0.3211,
0.3330

0.0000, 0.0000,
0.0000

51.7613, 0.3283,
0.3364

51.7613, 0.3283,
0.3364

45.3897, 0.3477,
0.3447

58.8173, 0.3119,
0.3286

39.6750, 0.3706,
0.3534

66.5705, 0.2980,
0.3213

34.5977, 0.3973,
0.3620

75.0421, 0.2863,
0.3147

30.1349, 0.4279,
0.3700

83.7636, 0.2802,
0.3163

26.2622, 0.4620,
0.3766

91.1574, 0.2811,
0.3289

■ 22.9533, 0.4980,
0.3806

■ 20.1800, 0.5338,
0.3807

■ 17.9110, 0.5659,
0.3762

■ 16.1057, 0.5919,
0.3676

Harmonies

Analogous

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



51.7613, 0.3262, 0.3297



51.7613, 0.3283, 0.3364



51.7613, 0.3261, 0.3412

Triad

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



51.7613, 0.3283, 0.3364



51.7613, 0.3049, 0.3352



51.7613, 0.3050, 0.3155

Complementary

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



51.7613, 0.3283, 0.3364



53.1991, 0.2983, 0.3215

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.



51.7613, 0.2994, 0.3168



51.7613, 0.3283, 0.3364



51.7613, 0.2994, 0.3281

Square

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



51.7613, 0.3283, 0.3364



51.7613, 0.3126, 0.3406



51.7613, 0.2974, 0.3213



51.7613, 0.3127, 0.3178

Rectangle

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



51.7613, 0.3283, 0.3364



51.7613, 0.3226, 0.3427



51.7613, 0.2974, 0.3213



51.7613, 0.3028, 0.3156

Sweetspot

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



51.7636, 0.3283, 0.3364



96.2212, 0.3175, 0.3313



49.8335, 0.3183, 0.3128



20.3831, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



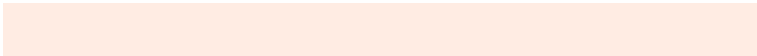
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7636, 0.3283, 0.3364



86.6781, 0.3314, 0.3378



55.8201, 0.3271, 0.3475



11.1739, 0.3282, 0.3363



10.2176, 0.5907, 0.3692



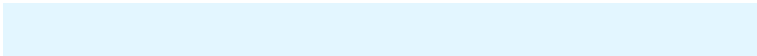
0.6151, 0.5491, 0.4022

Inverse Universe

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



53.1991, 0.2983, 0.3215



89.5466, 0.2956, 0.3200



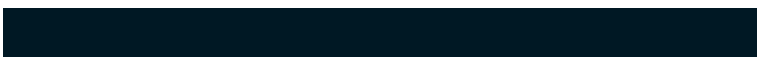
49.2027, 0.2982, 0.3098



11.4814, 0.2984, 0.3215



14.1779, 0.1955, 0.2236



0.7970, 0.2023, 0.2482

Previews

White Background



This preview shows how the Yxy color 51.7613, 0.3283, 0.3364 looks on a white background.

Color Contrast Check

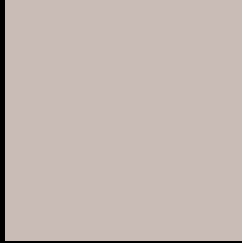
Large Text (above 18pt) WCAG AA × Fail

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 51.7613, 0.3283, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

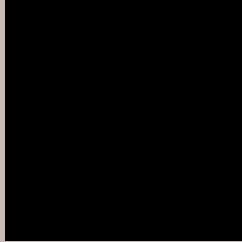
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

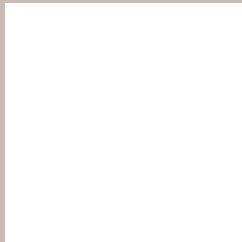
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7613, 0.3283, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 51.7613, 0.3283, 0.3364.



This preview shows how white text looks on a background with the Yxy color 51.7613, 0.3283, 0.3364.

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

51.7613, 0.3283, 0.3364

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

51.6969, 0.3376, 0.3303



Tritanopia

51.5646, 0.3161, 0.3110

Trichromacy



Original Color

51.7613, 0.3283, 0.3364

Protanomaly

51.8199, 0.3249, 0.3365

Deuteranomaly

51.5267, 0.3339, 0.3315

Tritanomaly

51.5246, 0.3206, 0.3205

Monochromacy



Original Color

51.7613, 0.3283, 0.3364

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0599, 0.3184, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7613, 0.3283, 0.3364 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, 188, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 182)  
}
```

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, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.7613, 0.3283, 0.3364 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, 188, 182) }
```

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

```
.border{ border-color:rgb(201, 188, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 188, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 182);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7613, 0.3283, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 182) }
```

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

```
.background{ background-color: rgb(201,  
188, 182) }
```

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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