

Converting Colors

$Yxy(46.2984, 0.3263, 0.3215)$

Have a look what the booklet for
Yxy(46.2984, 0.3263, 0.3215)
contains.

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Color

Yxy(46.2984, 0.3263, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	C5B0B6
RGB	197, 176, 182
RGB Percent	77%, 69%, 71%
CMY	0.2276, 0.3097, 0.2862
CMYK	0.00, 0.11, 0.08, 0.23
HSL	343°, 15%, 73%
HSV	343°, 11%, 77%
XYZ	46.9896, 46.2984, 50.7194
YIQ	182.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

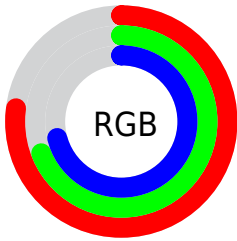
Format	Color
RYB	197, 176, 182
Decimal	12955830
CIELab	73.74, 8.55, -0.31
CIELCh	74, 8.559, 357.892
Yxy	46.2984, 0.3263, 0.3215
Android (android.graphics.Color)	4291145910 (0xFFC5B0B6)
YUV	182.9630, -0.4748, 12.3104
Hunter-Lab	68.0429, 4.1949, 3.4351

Details

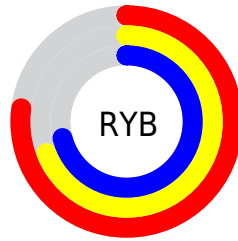
The Yxy color $46.2984, 0.3263, 0.3215$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.9120, 0.3007, 0.3366$, and the grayscale version is $47.3305, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9571, 0.3239, 0.3231$, and $21.5905, 0.3304, 0.3188$ is the 20% darker color. If you saturate the color by 10%, you get $38.5750, 0.3421, 0.3140$, and if you desaturate by 10%, it is $55.2050, 0.3135, 0.3286$.

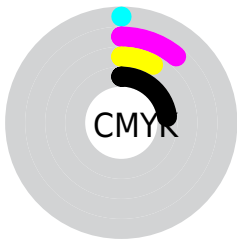
Distribution



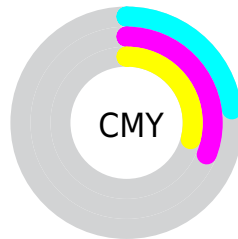
- Red (77%)
- Green (69%)
- Blue (71%)



- Red (77%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2984, 0.3263, 0.3215 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 46.2984, 0.3263, 0.3215 by changing the saturation by 10% instead.

 46.2984, 0.3263,
0.3215

 46.2984, 0.3263,
0.3215


372.0070, 0.3195,
0.3253

 32.4814, 0.3280,
0.3206

 84.6654, 0.3238,
0.3229

 21.7294, 0.3302,
0.3194


109.9842, 0.3229,
0.3234

 13.6582, 0.3331,
0.3177


139.9056, 0.3221,
0.3238

 7.8833, 0.3372,
0.3155

174.8141, 0.3214,
0.3242

 4.0204, 0.3433,
0.3121

215.0941, 0.3209,
0.3245

 1.6850, 0.3536,
0.3065

261.1300, 0.3204,

 0.4139, 0.4045,

0.3248

0.2780

313.3062, 0.3199,
0.3250

0.0000, 0.0000,
0.0000

46.2984, 0.3263,
0.3215

46.2984, 0.3263,
0.3215

38.5750, 0.3421,
0.3140

55.2050, 0.3135,
0.3286

31.9790, 0.3614,
0.3063

65.3356, 0.3030,
0.3351

26.4591, 0.3848,
0.2986

76.7363, 0.2944,
0.3411

21.9576, 0.4127,
0.2917

89.4493, 0.2875,
0.3466

18.4114, 0.4450,
0.2863

90.4355, 0.2802,
0.3317

■ 15.7504, 0.4808,
0.2835

■ 90.6065, 0.2789,
0.3289

■ 13.8945, 0.5180,
0.2845

■ 12.7493, 0.5534,
0.2899

■ 12.1553, 0.5822,
0.2981

Harmonies

Analogous

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



46.2984, 0.3148, 0.3132



46.2984, 0.3263, 0.3215



46.2984, 0.3342, 0.3318

Triad

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



46.2984, 0.3263, 0.3215



46.2984, 0.3223, 0.3499



46.2984, 0.2897, 0.3158

Complementary

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



46.2984, 0.3263, 0.3215



52.9120, 0.3007, 0.3366

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.



46.2984, 0.2917, 0.3256



46.2984, 0.3263, 0.3215



46.2984, 0.3103, 0.3456

Square

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



46.2984, 0.3263, 0.3215



46.2984, 0.3319, 0.3483



46.2984, 0.2992, 0.3366



46.2984, 0.2938, 0.3098

Rectangle

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



46.2984, 0.3263, 0.3215



46.2984, 0.3363, 0.3386



46.2984, 0.2992, 0.3366



46.2984, 0.2897, 0.3187

Sweetspot

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



46.3004, 0.3263, 0.3215



94.8690, 0.3163, 0.3269



46.1216, 0.3085, 0.3027



20.0197, 0.3173, 0.3263



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.



46.3004, 0.3263, 0.3215



79.2111, 0.3300, 0.3196



47.7273, 0.3308, 0.3343



10.6860, 0.3245, 0.3224



8.0103, 0.5789, 0.2963



0.3921, 0.5177, 0.2626

Inverse Universe

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



46.3004, 0.3263, 0.3215



79.2111, 0.3300, 0.3196



51.3045, 0.2965, 0.3236



10.6860, 0.3245, 0.3224



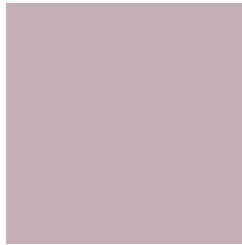
8.0103, 0.5789, 0.2963



0.3921, 0.5177, 0.2626

Previews

White Background



This preview shows how the Yxy color 46.2984, 0.3263, 0.3215 looks on a white background.

Color Contrast Check

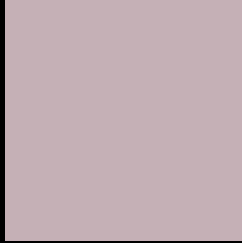
Large Text (above 18pt) WCAG AA × Fail

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 46.2984, 0.3263, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

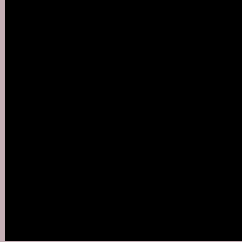
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2984, 0.3263, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 46.2984, 0.3263, 0.3215.



This preview shows how white text looks on a background with the Yxy color 46.2984, 0.3263, 0.3215.

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

46.2984, 0.3263, 0.3215

Protanopia

46.2126, 0.3113, 0.3225

Deuteranopia

46.4338, 0.3272, 0.3215



Tritanopia

46.3398, 0.3215, 0.3116

Trichromacy



Original Color

46.2984, 0.3263, 0.3215

Protanomaly

46.3923, 0.3165, 0.3226

Deuteranomaly

46.4338, 0.3272, 0.3215

Tritanomaly

46.2109, 0.3240, 0.3153

Monochromacy



Original Color

46.2984, 0.3263, 0.3215

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7528, 0.3172, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2984, 0.3263, 0.3215 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(197, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 176, 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(197, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 176, 182) }
```

Border

The CSS property to change the border of an element to Yxy 46.2984, 0.3263, 0.3215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

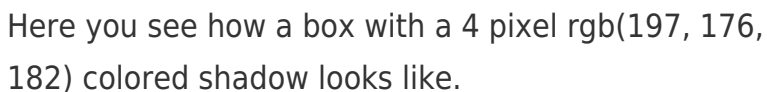
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 176, 182) }
```

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

```
.border{ border-color:rgb(197, 176, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(197, 176,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2984, 0.3263, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 176, 182) }
```

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

```
.background{ background-color: rgb(197,  
176, 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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