

Converting Colors

$Y_{xy}(46.7039, 0.3268, 0.3005)$

Have a look what the booklet for
Yxy(46.7039, 0.3268, 0.3005)
contains.

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Color

Yxy(46.6213, 0.3265, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	D1ABC3
RGB	209, 171, 195
RGB Percent	82%, 67%, 76%
CMY	0.1805, 0.3294, 0.2352
CMYK	0.00, 0.18, 0.07, 0.18
HSL	322°, 29%, 75%
HSV	322°, 18%, 82%
XYZ	50.7057, 46.6213, 57.9738
YIQ	185.0980, 14.9440, 15.5200

Conversions

Conversions Part 2

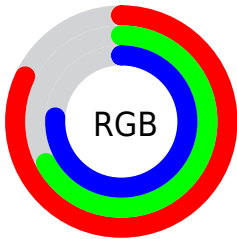
Format	Color
R _Y B	209, 171, 195
Decimal	13740995
CIE Lab	73.95, 17.82, -7.02
CIE LCh	74, 19.149, 338.491
Yxy	46.6213, 0.3265, 0.3002
Android (android.graphics.Color)	4291931075 (0xFFD1ABC3)
YUV	185.0980, 4.8817, 20.9621
Hunter-Lab	68.2798, 13.0674, -2.5450

Details

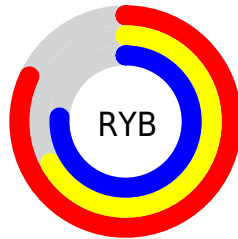
The Yxy color **46.6213, 0.3265, 0.3002** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7504, 0.3011, 0.3597**, and the grayscale version is **48.5401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6810, 0.3160, 0.3037**, and **21.9868, 0.3304, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **39.0038, 0.3361, 0.2836**, and if you desaturate by 10%, it is **55.5089, 0.3184, 0.3164**.

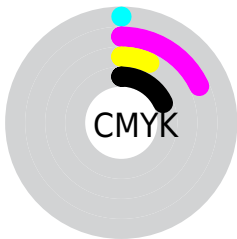
Distribution



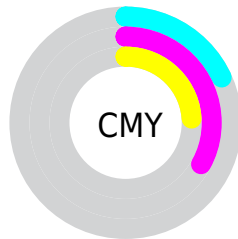
- Red (82%)
- Green (67%)
- Blue (76%)



- Red (82%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6213, 0.3265, 0.3002 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 46.6213, 0.3265, 0.3002 by changing the saturation by 10% instead.


 46.6213, 0.3265,
0.3002

 46.6213, 0.3265,
0.3002


373.3009, 0.3198,
0.3143

 32.7364, 0.3281,
0.2968


 85.1481, 0.3241,
0.3052

 21.9246, 0.3302,
0.2924


110.5587, 0.3232,
0.3072

 13.8015, 0.3329,
0.2868


140.5800, 0.3224,
0.3088

 7.9827, 0.3366,
0.2790

175.5964, 0.3217,
0.3102

 4.0839, 0.3420,
0.2678

215.9923, 0.3211,
0.3114

 1.7206, 0.3505,
0.2502

262.1521, 0.3206,

 0.4369, 0.3772,

0.3125

0.1939

314.4602, 0.3202,
0.3134

0.0000, 0.0000,
0.0000

46.6213, 0.3265,
0.3002

46.6213, 0.3265,
0.3002

39.0038, 0.3361,
0.2836

55.5089, 0.3184,
0.3164

32.5914, 0.3472,
0.2671

65.7154, 0.3116,
0.3318

27.3228, 0.3600,
0.2514

77.2944, 0.3059,
0.3462

23.1286, 0.3743,
0.2374

90.2948, 0.3011,
0.3596

19.9320, 0.3899,
0.2264

90.9791, 0.2969,
0.3517

■ 17.6458, 0.4063,
0.2194

■ 91.4285, 0.2928,
0.3435

■ 16.1676, 0.4228,
0.2173

■ 91.8973, 0.2887,
0.3354

■ 15.3458, 0.4390,
0.2201

■ 92.2922, 0.2855,
0.3289

■ 15.2239, 0.4420,
0.2209

Harmonies

Analogous

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



46.6213, 0.2994, 0.2876



46.6213, 0.3265, 0.3002



46.6213, 0.3507, 0.3198

Triad

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



46.6213, 0.3265, 0.3002



46.6213, 0.3487, 0.3750



46.6213, 0.2636, 0.3121

Complementary

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



46.6213, 0.3265, 0.3002



57.7504, 0.3011, 0.3597

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.



46.6213, 0.2756, 0.3370



46.6213, 0.3265, 0.3002



46.6213, 0.3244, 0.3748

Square

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



46.6213, 0.3265, 0.3002



46.6213, 0.3637, 0.3626



46.6213, 0.2977, 0.3606



46.6213, 0.2640, 0.2934

Rectangle

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



46.6213, 0.3265, 0.3002



46.6213, 0.3614, 0.3348



46.6213, 0.2977, 0.3606



46.6213, 0.2663, 0.3200

Sweetspot

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



46.6234, 0.3265, 0.3002



91.8352, 0.3161, 0.3212



44.0379, 0.2944, 0.2814



19.4202, 0.3166, 0.3201



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.



46.6234, 0.3265, 0.3002



68.0239, 0.3302, 0.2935



45.8193, 0.3432, 0.3229



11.9323, 0.3193, 0.3144



9.4083, 0.4398, 0.2196



0.5411, 0.4124, 0.2045

Inverse Universe

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



46.6234, 0.3265, 0.3002



68.0239, 0.3302, 0.2935



58.6050, 0.2888, 0.3352



11.9323, 0.3193, 0.3144



9.4083, 0.4398, 0.2196



0.5411, 0.4124, 0.2045

Previews

White Background



This preview shows how the Yxy color 46.6213, 0.3265, 0.3002 looks on a white background.

Color Contrast Check

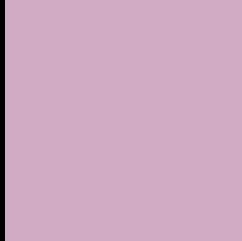
Large Text (above 18pt) WCAG AA × Fail

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 46.6213, 0.3265, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

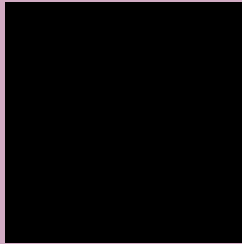
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6213, 0.3265, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 46.6213, 0.3265, 0.3002.



This preview shows how white text looks on a background with the Yxy color 46.6213, 0.3265, 0.3002.

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

46.6213, 0.3265, 0.3002

Protanopia

46.9681, 0.2965, 0.3035

Deuteranopia

46.8087, 0.3137, 0.3078



Tritanopia

46.8422, 0.3332, 0.3133

Trichromacy



Original Color

46.6213, 0.3265, 0.3002

Protanomaly

46.6442, 0.3072, 0.3015

Deuteranomaly

46.6971, 0.3182, 0.3056

Tritanomaly

46.5891, 0.3307, 0.3084

Monochromacy



Original Color

46.6213, 0.3265, 0.3002

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.7860, 0.3175, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6213, 0.3265, 0.3002 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(209, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 195)  
}
```

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(209, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 195) }
```

Border

The CSS property to change the border of an element to Yxy 46.6213, 0.3265, 0.3002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

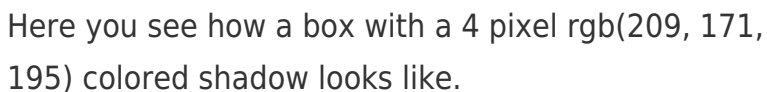
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 171, 195) }
```

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

```
.border{ border-color:rgb(209, 171, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6213, 0.3265, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 195) }
```

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

```
.background{ background-color: rgb(209,  
171, 195) }
```

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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