

Converting Colors

$Yxy(46.2526, 0.3337, 0.3173)$

Have a look what the booklet for
Yxy(46.2526, 0.3337, 0.3173)
contains.

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Color

Yxy(46.2437, 0.3339, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	CDADB6
RGB	205, 173, 182
RGB Percent	80%, 68%, 71%
CMY	0.1962, 0.3215, 0.2863
CMYK	0.00, 0.16, 0.11, 0.20
HSL	343°, 24%, 74%
HSV	343°, 16%, 80%
XYZ	48.5559, 46.2437, 50.6209
YIQ	183.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

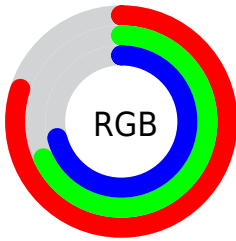
Format	Color
R_{YB}	205, 173, 182
Decimal	13479350
CIE _{Lab}	73.70, 13.05, -0.28
CIE _{LCh}	74, 13.054, 358.792
Yxy	46.2437, 0.3339, 0.3180
Android (android.graphics.Color)	4291669430 (0xFFCDADB6)
YUV	183.5940, -0.7858, 18.7731
Hunter-Lab	68.0027, 8.4493, 3.4668

Details

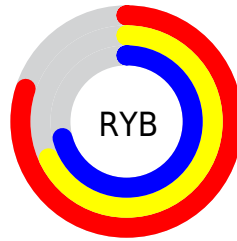
The Yxy color **46.2437, 0.3339, 0.3180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.5162, 0.2952, 0.3403**, and the grayscale version is **47.6942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9199, 0.3250, 0.3192**, and **21.8390, 0.3408, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **38.4003, 0.3515, 0.3105**, and if you desaturate by 10%, it is **55.3612, 0.3195, 0.3252**.

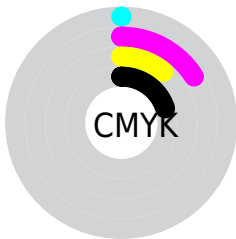
Distribution



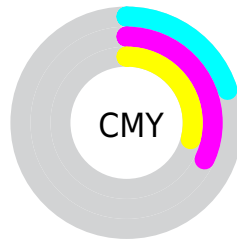
- Red (80%)
- Green (68%)
- Blue (71%)



- Red (80%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (20%)




- Cyan (20%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2437, 0.3339, 0.3180 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 46.2437, 0.3339, 0.3180 by changing the saturation by 10% instead.

 46.2437, 0.3339,
0.3180

 46.2437, 0.3339,
0.3180


371.7875, 0.3233,
0.3235

 32.4382, 0.3366,
0.3166


 84.5836, 0.3300,
0.3200

 21.6964, 0.3400,
0.3148


109.8868, 0.3286,
0.3208

 13.6340, 0.3445,
0.3125


139.7913, 0.3274,
0.3214

 7.8665, 0.3509,
0.3092

174.6815, 0.3263,
0.3219

 4.0097, 0.3605,
0.3042

214.9418, 0.3254,
0.3224

 1.6790, 0.3765,
0.2960

260.9567, 0.3246,

 0.4100, 0.4472,

0.3228

0.2588

313.1105, 0.3239,
0.3232

0.0000, 0.0000,
0.0000

46.2437, 0.3339,
0.3180

46.2437, 0.3339,
0.3180

38.4003, 0.3515,
0.3105

55.3612, 0.3195,
0.3252

31.7680, 0.3730,
0.3028

65.7998, 0.3079,
0.3319

26.2878, 0.3989,
0.2956

77.6116, 0.2983,
0.3381

21.8934, 0.4294,
0.2894

90.8411, 0.2906,
0.3437

18.5113, 0.4641,
0.2853

91.7139, 0.2832,
0.3289

■ 16.0594, 0.5013,
0.2844

■ 14.4419, 0.5384,
0.2877

■ 13.5418, 0.5715,
0.2954

■ 13.2754, 0.5845,
0.2994

Harmonies

Analogous

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



46.2437, 0.3163, 0.3055



46.2437, 0.3339, 0.3180



46.2437, 0.3459, 0.3335

Triad

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



46.2437, 0.3339, 0.3180



46.2437, 0.3267, 0.3611



46.2437, 0.2779, 0.3083

Complementary

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



46.2437, 0.3339, 0.3180



56.5162, 0.2952, 0.3403

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.



46.2437, 0.2806, 0.3230



46.2437, 0.3339, 0.3180



46.2437, 0.3084, 0.3543

Square

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



46.2437, 0.3339, 0.3180



46.2437, 0.3416, 0.3586



46.2437, 0.2916, 0.3401



46.2437, 0.2842, 0.2997

Rectangle

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



46.2437, 0.3339, 0.3180



46.2437, 0.3489, 0.3437



46.2437, 0.2916, 0.3401



46.2437, 0.2778, 0.3127

Sweetspot

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



46.2458, 0.3339, 0.3180



91.5568, 0.3189, 0.3256



46.0246, 0.3067, 0.2899



19.3525, 0.3198, 0.3251



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.



46.2458, 0.3339, 0.3180



70.8441, 0.3399, 0.3153



48.6103, 0.3405, 0.3376



11.2646, 0.3247, 0.3225



8.2819, 0.5809, 0.2974



0.4404, 0.5238, 0.2659

Inverse Universe

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



46.2458, 0.3339, 0.3180



70.8441, 0.3399, 0.3153



53.6998, 0.2889, 0.3202



11.2646, 0.3247, 0.3225



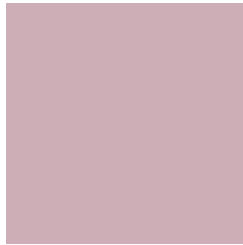
8.2819, 0.5809, 0.2974



0.4404, 0.5238, 0.2659

Previews

White Background



This preview shows how the Yxy color 46.2437, 0.3339, 0.3180 looks on a white background.

Color Contrast Check

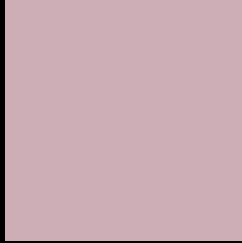
Large Text (above 18pt) WCAG AA × Fail

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 46.2437, 0.3339, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

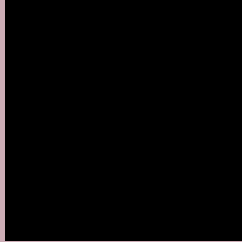
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2437, 0.3339, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 46.2437, 0.3339, 0.3180.



This preview shows how white text looks on a background with the Yxy color 46.2437, 0.3339, 0.3180.

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

46.2437, 0.3339, 0.3180

Protanopia

46.2550, 0.3105, 0.3212

Deuteranopia

46.0431, 0.3273, 0.3203



Tritanopia

46.0294, 0.3306, 0.3119

Trichromacy



Original Color

46.2437, 0.3339, 0.3180

Protanomaly

46.0234, 0.3184, 0.3188

Deuteranomaly

46.0670, 0.3302, 0.3191

Tritanomaly

45.9870, 0.3315, 0.3131

Monochromacy



Original Color

46.2437, 0.3339, 0.3180

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.2679, 0.3207, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2437, 0.3339, 0.3180 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(205, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(205, 173, 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(205, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 173, 182) }
```

Border

The CSS property to change the border of an element to Yxy 46.2437, 0.3339, 0.3180 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(205, 173, 182) }
```

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

```
.border{ border-color:rgb(205, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(205, 173,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2437, 0.3339, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 173, 182) }
```

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

```
.background{ background-color: rgb(205,  
173, 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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