

Converting Colors

Yxy(46.0256, 0.3214, 0.2968)

Have a look what the booklet for
Yxy(46.0256, 0.3214, 0.2968)
contains.

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Color

Yxy(46.1362, 0.3213, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	CDABC5
RGB	205, 171, 197
RGB Percent	80%, 67%, 77%
CMY	0.1959, 0.3295, 0.2274
CMYK	0.00, 0.17, 0.04, 0.20
HSL	314°, 25%, 74%
HSV	314°, 17%, 80%
XYZ	49.8271, 46.1362, 59.1164
YIQ	184.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

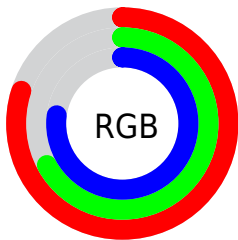
Format	Color
R_{YB}	205, 171, 197
Decimal	13478853
CIE _{Lab}	73.63, 16.81, -8.62
CIE _{LCh}	74, 18.890, 332.854
Yxy	46.1362, 0.3213, 0.2975
Android (android.graphics.Color)	4291668933 (0xFFCDABC5)
YUV	184.1300, 6.3449, 18.3030
Hunter-Lab	67.9236, 12.0768, -4.0557

Details

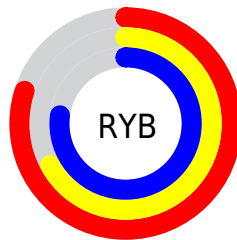
The Yxy color $46.1362, 0.3213, 0.2975$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.5913, 0.3051, 0.3627$, and the grayscale version is $47.9709, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8085, 0.3147, 0.3019$, and $21.7561, 0.3243, 0.2902$ is the 20% darker color. If you saturate the color by 10%, you get $38.7668, 0.3276, 0.2778$, and if you desaturate by 10%, it is $54.7182, 0.3159, 0.3167$.

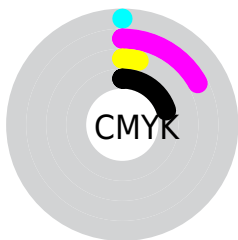
Distribution



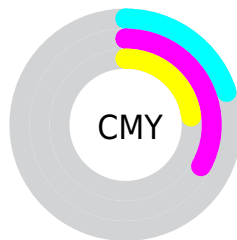
- Red (80%)
- Green (67%)
- Blue (77%)



- Red (80%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (20%)




- Cyan (20%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1362, 0.3213, 0.2975 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 46.1362, 0.3213, 0.2975 by changing the saturation by 10% instead.


 46.1362, 0.3213,
0.2975

 46.1362, 0.3213,
0.2975

371.3559, 0.3172,
0.3129

 32.3533, 0.3223,
0.2938


 84.4228, 0.3198,
0.3030

 21.6315, 0.3235,
0.2890


109.6953, 0.3193,
0.3051

 13.5864, 0.3251,
0.2828

139.5665, 0.3188,
0.3069

 7.8336, 0.3272,
0.2744

174.4207, 0.3184,
0.3084

 3.9886, 0.3302,
0.2622

214.6423, 0.3180,
0.3098

 1.6672, 0.3347,
0.2430

260.6158, 0.3177,

 0.4023, 0.3543,

0.3109

0.1798

312.7256, 0.3174,
0.3120

0.0000, 0.0000,
0.0000

46.1362, 0.3213,
0.2975

46.1362, 0.3213,
0.2975

38.7668, 0.3276,
0.2778

54.7182, 0.3159,
0.3167

32.5486, 0.3347,
0.2583

64.5583, 0.3112,
0.3351

27.4240, 0.3427,
0.2397

75.7074, 0.3073,
0.3525

23.3281, 0.3514,
0.2230

88.2115, 0.3040,
0.3686

20.1890, 0.3606,
0.2091

89.7326, 0.3013,
0.3652

■ 17.9255, 0.3701,
0.1991

■ 89.9937, 0.2986,
0.3599

■ 16.4429, 0.3795,
0.1937

■ 90.2623, 0.2960,
0.3547

■ 15.6187, 0.3886,
0.1929

■ 90.5384, 0.2934,
0.3494

■ 15.4114, 0.3917,
0.1931

■ 90.8221, 0.2909,
0.3442

Harmonies

Analogous

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



46.1362, 0.2948, 0.2867



46.1362, 0.3213, 0.2975



46.1362, 0.3464, 0.3159

Triad

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



46.1362, 0.3213, 0.2975



46.1362, 0.3520, 0.3731



46.1362, 0.2654, 0.3166

Complementary

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



46.1362, 0.3213, 0.2975



55.5913, 0.3051, 0.3627

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.



46.1362, 0.2795, 0.3417



46.1362, 0.3213, 0.2975



46.1362, 0.3292, 0.3754

Square

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



46.1362, 0.3213, 0.2975



46.1362, 0.3645, 0.3589



46.1362, 0.3026, 0.3639



46.1362, 0.2634, 0.2965

Rectangle

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



46.1362, 0.3213, 0.2975



46.1362, 0.3585, 0.3305



46.1362, 0.3026, 0.3639



46.1362, 0.2688, 0.3248

Sweetspot

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



46.1382, 0.3213, 0.2975



91.9414, 0.3151, 0.3196



43.1069, 0.2924, 0.2854



19.4460, 0.3155, 0.3183



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.



46.1382, 0.3213, 0.2975



70.9168, 0.3235, 0.2904



45.4039, 0.3360, 0.3178



11.3568, 0.3173, 0.3114



9.6057, 0.3904, 0.1924



0.5068, 0.3741, 0.1835

Inverse Universe

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



46.1382, 0.3213, 0.2975



70.9168, 0.3235, 0.2904



56.3201, 0.2937, 0.3405



11.3568, 0.3173, 0.3114



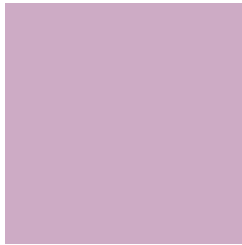
9.6057, 0.3904, 0.1924



0.5068, 0.3741, 0.1835

Previews

White Background



This preview shows how the Yxy color 46.1362, 0.3213, 0.2975 looks on a white background.

Color Contrast Check

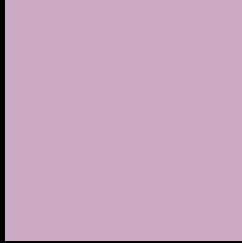
Large Text (above 18pt) WCAG AA × Fail

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 46.1362, 0.3213, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

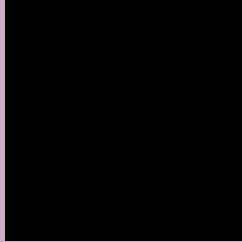
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1362, 0.3213, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 46.1362, 0.3213, 0.2975.



This preview shows how white text looks on a background with the Yxy color 46.1362, 0.3213, 0.2975.

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

46.1362, 0.3213, 0.2975

Protanopia

46.4193, 0.2934, 0.2996

Deuteranopia

46.2427, 0.3104, 0.3040



Tritanopia

46.2697, 0.3296, 0.3131

Trichromacy



Original Color

46.1362, 0.3213, 0.2975

Protanomaly

46.3527, 0.3031, 0.2989

Deuteranomaly

46.1279, 0.3149, 0.3018

Tritanomaly

46.0601, 0.3262, 0.3070

Monochromacy



Original Color

46.1362, 0.3213, 0.2975

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1208, 0.3159, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1362, 0.3213, 0.2975 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, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 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(205, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 197) }
```

Border

The CSS property to change the border of an element to Yxy 46.1362, 0.3213, 0.2975 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, 171, 197) }
```

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

```
.border{ border-color:rgb(205, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1362, 0.3213, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 197) }
```

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

```
.background{ background-color: rgb(205,  
171, 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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