

Converting Colors

$Yxy(46.6188, 0.3269, 0.2981)$

Have a look what the booklet for
Yxy(46.6188, 0.3269, 0.2981)
contains.

Yxy(46.4366, 0.3267, 0.2979)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.4366, 0.3267, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	D2AAC4
RGB	210, 170, 196
RGB Percent	82%, 67%, 77%
CMY	0.1763, 0.3334, 0.2313
CMYK	0.00, 0.19, 0.07, 0.18
HSL	321°, 31%, 75%
HSV	321°, 19%, 82%
XYZ	50.9259, 46.4366, 58.5173
YIQ	184.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

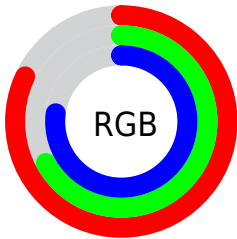
Format	Color
R _Y B	210, 170, 196
Decimal	13806276
CIE Lab	73.83, 18.91, -7.73
CIE LCh	74, 20.433, 337.769
Yxy	46.4366, 0.3267, 0.2979
Android (android.graphics.Color)	4291996356 (0xFFD2AAC4)
YUV	184.9240, 5.4605, 21.9917
Hunter-Lab	68.1444, 14.1446, -3.2127

Details

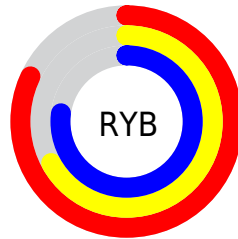
The Yxy color $46.4366, 0.3267, 0.2979$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.1155, 0.3010, 0.3623$, and the grayscale version is $48.4369, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.2023, 0.3154, 0.3018$, and $21.8784, 0.3306, 0.2907$ is the 20% darker color. If you saturate the color by 10%, you get $38.8571, 0.3360, 0.2809$, and if you desaturate by 10%, it is $55.2946, 0.3188, 0.3146$.

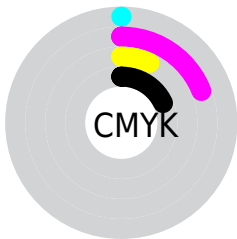
Distribution



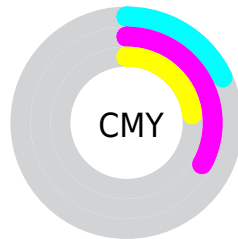
- Red (82%)
- Green (67%)
- Blue (77%)



- Red (82%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (18%)




- Cyan (18%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4366, 0.3267, 0.2979 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 46.4366, 0.3267, 0.2979 by changing the saturation by 10% instead.


 46.4366, 0.3267,
0.2979

 46.4366, 0.3267,
0.2979


372.5612, 0.3199,
0.3131

 32.5905, 0.3283,
0.2942


 84.8720, 0.3243,
0.3033

 21.8129, 0.3304,
0.2896


110.2301, 0.3233,
0.3054

 13.7195, 0.3332,
0.2835


140.1944, 0.3226,
0.3072

 7.9258, 0.3369,
0.2752

175.1491, 0.3219,
0.3087

 4.0475, 0.3422,
0.2632

215.4788, 0.3213,
0.3100

 1.7002, 0.3506,
0.2444

261.5677, 0.3208,

 0.4238, 0.3775,

0.3111

0.1850

313.8004, 0.3203,
0.3122

0.0000, 0.0000,
0.0000

46.4366, 0.3267,
0.2979

46.4366, 0.3267,
0.2979

38.8571, 0.3360,
0.2809

55.2946, 0.3188,
0.3146

32.4900, 0.3467,
0.2640

65.4808, 0.3121,
0.3304

27.2728, 0.3590,
0.2480

77.0497, 0.3066,
0.3454

23.1347, 0.3727,
0.2339

90.0511, 0.3019,
0.3593

19.9971, 0.3874,
0.2229

91.0964, 0.2979,
0.3523

■ 17.7705, 0.4029,
0.2160

■ 91.5247, 0.2939,
0.3445

■ 16.3497, 0.4184,
0.2140

■ 91.9706, 0.2900,
0.3367

■ 15.5622, 0.4336,
0.2167

■ 92.4344, 0.2862,
0.3291

■ 15.4999, 0.4350,
0.2170

■ 92.4466, 0.2861,
0.3289

Harmonies

Analogous

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



46.4366, 0.2977, 0.2847



46.4366, 0.3267, 0.2979



46.4366, 0.3528, 0.3186

Triad

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



46.4366, 0.3267, 0.2979



46.4366, 0.3516, 0.3780



46.4366, 0.2605, 0.3114

Complementary

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



46.4366, 0.3267, 0.2979



58.1155, 0.3010, 0.3623

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.



46.4366, 0.2736, 0.3382



46.4366, 0.3267, 0.2979



46.4366, 0.3258, 0.3783

Square

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



46.4366, 0.3267, 0.2979



46.4366, 0.3674, 0.3643



46.4366, 0.2972, 0.3634



46.4366, 0.2606, 0.2913

Rectangle

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



46.4366, 0.3267, 0.2979



46.4366, 0.3645, 0.3344



46.4366, 0.2972, 0.3634



46.4366, 0.2634, 0.3199

Sweetspot

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



46.4387, 0.3267, 0.2979



90.2837, 0.3167, 0.3194



43.5090, 0.2922, 0.2787



19.1080, 0.3171, 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.



46.4387, 0.3267, 0.2979



66.8661, 0.3304, 0.2908



45.6130, 0.3438, 0.3209



11.9359, 0.3190, 0.3140



9.4710, 0.4329, 0.2158



0.5443, 0.4072, 0.2017

Inverse Universe

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



46.4387, 0.3267, 0.2979



66.8661, 0.3304, 0.2908



58.9839, 0.2885, 0.3373



11.9359, 0.3190, 0.3140



9.4710, 0.4329, 0.2158



0.5443, 0.4072, 0.2017

Previews

White Background



This preview shows how the Yxy color 46.4366, 0.3267, 0.2979 looks on a white background.

Color Contrast Check

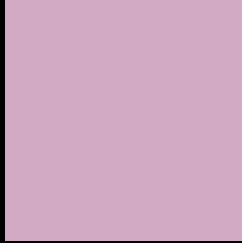
Large Text (above 18pt) WCAG AA × Fail

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 46.4366, 0.3267, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

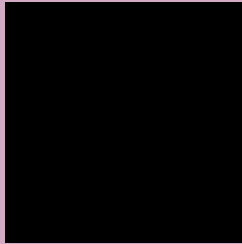
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4366, 0.3267, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 46.4366, 0.3267, 0.2979.



This preview shows how white text looks on a background with the Yxy color 46.4366, 0.3267, 0.2979.

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

46.4366, 0.3267, 0.2979

Protanopia

46.5380, 0.2942, 0.2997

Deuteranopia

46.3283, 0.3121, 0.3052



Tritanopia

46.5631, 0.3351, 0.3133

Trichromacy



Original Color

46.4366, 0.3267, 0.2979

Protanomaly

46.1679, 0.3056, 0.2990

Deuteranomaly

46.3543, 0.3174, 0.3031

Tritanomaly

46.3553, 0.3317, 0.3073

Monochromacy



Original Color

46.4366, 0.3267, 0.2979

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 46.4366, 0.3267, 0.2979 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(210, 170, 196)` looks like.

```
.text, #text, p{  
    color:rgb(210, 170, 196)  
}
```

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(210, 170, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 170, 196) }
```

Border

The CSS property to change the border of an element to Yxy 46.4366, 0.3267, 0.2979 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(210, 170, 196) }
```

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

```
.border{ border-color:rgb(210, 170, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 170, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 170, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 170, 196);  
box-shadow:4px 4px 4px 4px rgb(210, 170,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4366, 0.3267, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 170, 196) }
```

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

```
.background{ background-color: rgb(210,  
170, 196) }
```

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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