

Converting Colors

$Yxy(46.2486, 0.3484, 0.3273)$

Have a look what the booklet for
Yxy(46.2486, 0.3484, 0.3273)
contains.

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Color

Yxy(46.1400, 0.3487, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D4ABAD
RGB	212, 171, 173
RGB Percent	83%, 67%, 68%
CMY	0.1688, 0.3293, 0.3216
CMYK	0.00, 0.19, 0.18, 0.17
HSL	357°, 32%, 75%
HSV	357°, 19%, 83%
XYZ	49.2471, 46.1400, 45.8434
YIQ	183.4870, 23.7940, 9.3140

Conversions

Conversions Part 2

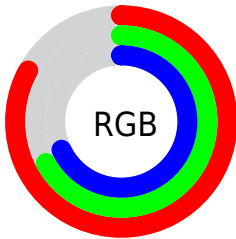
Format	Color
R _Y B	212, 171, 173
Decimal	13937581
CIE Lab	73.64, 15.23, 4.65
CIE LCh	74, 15.920, 16.964
Yxy	46.1400, 0.3487, 0.3267
Android (android.graphics.Color)	4292127661 (0xFFD4ABAD)
YUV	183.4870, -5.1701, 25.0059
Hunter-Lab	67.9264, 10.5423, 7.5338

Details

The Yxy color $46.1400, 0.3487, 0.3267$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $60.3773, 0.2852, 0.3314$, and the grayscale version is $47.6537, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2541, 0.3318, 0.3271$, and $21.7422, 0.3590, 0.3259$ is the 20% darker color. If you saturate the color by 10%, you get $38.0423, 0.3743, 0.3254$, and if you desaturate by 10%, it is $55.6438, 0.3281, 0.3279$.

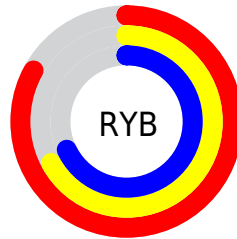
Distribution



Red (83%)

Green (67%)

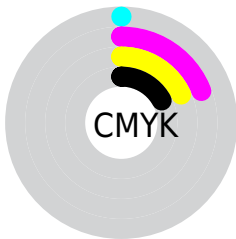
Blue (68%)



Red (83%)

Yellow (67%)

Blue (68%)

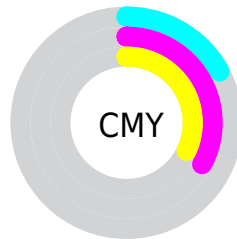


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (17%)



Cyan (17%)


Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1400, 0.3487, 0.3267 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 46.1400, 0.3487, 0.3267 by changing the saturation by 10% instead.


 46.1400, 0.3487,
0.3267

 46.1400, 0.3487,
0.3267


371.3712, 0.3306,
0.3281

 32.3563, 0.3533,
0.3263


 84.4285, 0.3421,
0.3272

 21.6338, 0.3592,
0.3257


109.7021, 0.3396,
0.3274

 13.5881, 0.3671,
0.3249


139.5744, 0.3375,
0.3276

 7.8347, 0.3782,
0.3237

174.4299, 0.3357,
0.3277

 3.9894, 0.3949,
0.3216

214.6529, 0.3342,
0.3278

 1.6676, 0.4229,
0.3174

260.6279, 0.3328,

 0.4026, 0.5938,

0.3279

0.3169

312.7392, 0.3316,
0.3280

0.0000, 0.0000,
0.0000

46.1400, 0.3487,
0.3267

46.1400, 0.3487,
0.3267

38.0423, 0.3743,
0.3254

55.6438, 0.3281,
0.3279

31.2780, 0.4058,
0.3242

66.6093, 0.3117,
0.3291

25.7776, 0.4438,
0.3232

79.0968, 0.2985,
0.3301

21.4626, 0.4875,
0.3226

92.6464, 0.2878,
0.3303

18.2458, 0.5343,
0.3227

92.7304, 0.2871,
0.3289

■ 16.0282, 0.5787,
0.3238

■ 14.6927, 0.6139,
0.3257

■ 14.0477, 0.6348,
0.3276

■ 14.0128, 0.6358,
0.3276

Harmonies

Analogous

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



46.1400, 0.3305, 0.3090



46.1400, 0.3487, 0.3267



46.1400, 0.3569, 0.3456

Triad

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



46.1400, 0.3487, 0.3267



46.1400, 0.3162, 0.3647



46.1400, 0.2739, 0.2963

Complementary

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



46.1400, 0.3487, 0.3267



60.3773, 0.2852, 0.3314

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.



46.1400, 0.2704, 0.3100



46.1400, 0.3487, 0.3267



46.1400, 0.2944, 0.3502

Square

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



46.1400, 0.3487, 0.3267



46.1400, 0.3377, 0.3684



46.1400, 0.2778, 0.3298



46.1400, 0.2873, 0.2917

Rectangle

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



46.1400, 0.3487, 0.3267



46.1400, 0.3555, 0.3565



46.1400, 0.2778, 0.3298



46.1400, 0.2715, 0.2999

Sweetspot

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



46.1421, 0.3487, 0.3267



89.7210, 0.3224, 0.3283



47.5741, 0.3132, 0.2811



18.9753, 0.3235, 0.3282



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.



46.1421, 0.3487, 0.3267



65.0297, 0.3581, 0.3262



53.5175, 0.3464, 0.3512



12.4304, 0.3284, 0.3279



8.6591, 0.6345, 0.3269



0.5258, 0.6175, 0.3175

Inverse Universe

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



46.1421, 0.3487, 0.3267



65.0297, 0.3581, 0.3262



51.7891, 0.2826, 0.3057



12.4304, 0.3284, 0.3279



8.6591, 0.6345, 0.3269



0.5258, 0.6175, 0.3175

Previews

White Background



This preview shows how the Yxy color 46.1400, 0.3487, 0.3267 looks on a white background.

Color Contrast Check

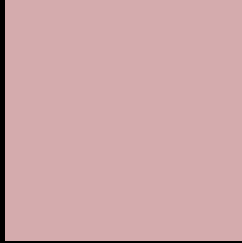
Large Text (above 18pt) WCAG AA × Fail

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 46.1400, 0.3487, 0.3267 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 46.1400, 0.3487, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 46.1400, 0.3487, 0.3267.



This preview shows how white text looks on a background with the Yxy color 46.1400, 0.3487, 0.3267.

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

46.1400, 0.3487, 0.3267

Protanopia

46.1712, 0.3186, 0.3316

Deuteranopia

46.1951, 0.3396, 0.3328



Tritanopia

46.3145, 0.3408, 0.3134

Trichromacy



Original Color

46.1400, 0.3487, 0.3267

Protanomaly

46.1810, 0.3295, 0.3303

Deuteranomaly

46.3725, 0.3435, 0.3316

Tritanomaly

46.1503, 0.3444, 0.3182

Monochromacy



Original Color

46.1400, 0.3487, 0.3267

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9642, 0.3258, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1400, 0.3487, 0.3267 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(212, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 173)  
}
```

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(212, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 173) }
```

Border

The CSS property to change the border of an element to Yxy 46.1400, 0.3487, 0.3267 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(212, 171, 173) }
```

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

```
.border{ border-color:rgb(212, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1400, 0.3487, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 173) }
```

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

```
.background{ background-color: rgb(212,  
171, 173) }
```

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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