

Converting Colors

$Yxy(47.0163, 0.3314, 0.3039)$

Have a look what the booklet for
Yxy(47.0163, 0.3314, 0.3039)
contains.

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Color

Yxy(46.9286, 0.3318, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	D4ABC0
RGB	212, 171, 192
RGB Percent	83%, 67%, 75%
CMY	0.1688, 0.3293, 0.2471
CMYK	0.00, 0.19, 0.09, 0.17
HSL	329°, 32%, 75%
HSV	329°, 19%, 83%
XYZ	51.2201, 46.9286, 56.2217
YIQ	185.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

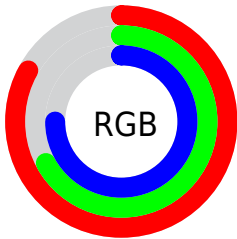
Format	Color
R_{YB}	212, 171, 192
Decimal	13937600
CIE _{Lab}	74.14, 18.33, -5.03
CIE _{LCh}	74, 19.010, 344.654
Yxy	46.9286, 0.3318, 0.3040
Android (android.graphics.Color)	4292127680 (0xFFD4ABC0)
YUV	185.6530, 3.1291, 23.1063
Hunter-Lab	68.5045, 13.5799, -0.7063

Details

The Yxy color $46.9286, 0.3318, 0.3040$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $59.4911, 0.2972, 0.3554$, and the grayscale version is $48.8729, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4300, 0.3185, 0.3075$, and $22.2258, 0.3365, 0.2972$ is the 20% darker color. If you saturate the color by 10%, you get $39.1113, 0.3447, 0.2903$, and if you desaturate by 10%, it is $56.0664, 0.3211, 0.3173$.

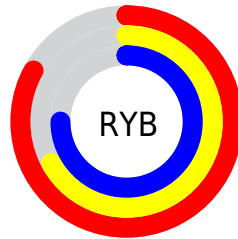
Distribution



Red (83%)

Green (67%)

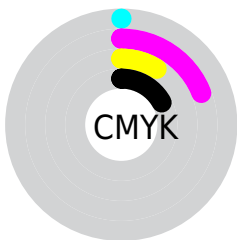
Blue (75%)



Red (83%)

Yellow (67%)

Blue (75%)

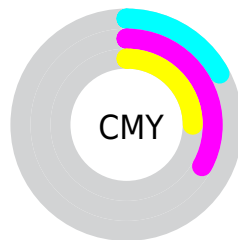


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9286, 0.3318, 0.3040 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 46.9286, 0.3318, 0.3040 by changing the saturation by 10% instead.


 46.9286, 0.3318,
0.3040

 46.9286, 0.3318,
0.3040


374.5295, 0.3224,
0.3163

 32.9792, 0.3341,
0.3010


 85.6070, 0.3284,
0.3084

 22.1105, 0.3371,
0.2972

111.1049, 0.3271,
0.3101

 13.9381, 0.3410,
0.2922


141.2210, 0.3260,
0.3115

 8.0776, 0.3463,
0.2854

176.3398, 0.3251,
0.3127

 4.1447, 0.3542,
0.2755

216.8456, 0.3243,
0.3138

 1.7548, 0.3669,
0.2598

263.1229, 0.3236,

 0.4588, 0.4030,

0.3147

0.2091

315.5561, 0.3229,
0.3155

0.0000, 0.0000,
0.0000

46.9286, 0.3318,
0.3040

46.9286, 0.3318,
0.3040

39.1113, 0.3447,
0.2903

56.0664, 0.3211,
0.3173

32.5465, 0.3599,
0.2767

66.5760, 0.3122,
0.3298

27.1694, 0.3776,
0.2639

78.5137, 0.3048,
0.3416

22.9072, 0.3979,
0.2529

91.4152, 0.2987,
0.3516

19.6788, 0.4202,
0.2447

92.0249, 0.2931,
0.3407

■ 17.3917, 0.4439,
0.2408

■ 92.6697, 0.2876,
0.3299

■ 15.9372, 0.4679,
0.2421

■ 92.7319, 0.2871,
0.3289

■ 15.1332, 0.4911,
0.2483

■ 15.0866, 0.4927,
0.2488

Harmonies

Analogous

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



46.9286, 0.3049, 0.2898



46.9286, 0.3318, 0.3040



46.9286, 0.3542, 0.3244

Triad

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



46.9286, 0.3318, 0.3040



46.9286, 0.3440, 0.3757



46.9286, 0.2630, 0.3078

Complementary

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



46.9286, 0.3318, 0.3040



59.4911, 0.2972, 0.3554

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.



46.9286, 0.2726, 0.3317



46.9286, 0.3318, 0.3040



46.9286, 0.3188, 0.3725

Square

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



46.9286, 0.3318, 0.3040



46.9286, 0.3612, 0.3656



46.9286, 0.2927, 0.3560



46.9286, 0.2661, 0.2911

Rectangle

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



46.9286, 0.3318, 0.3040



46.9286, 0.3631, 0.3393



46.9286, 0.2927, 0.3560



46.9286, 0.2649, 0.3152

Sweetspot

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



46.9307, 0.3318, 0.3040



90.1522, 0.3180, 0.3214



44.9370, 0.2970, 0.2787



19.0769, 0.3186, 0.3206



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.



46.9307, 0.3318, 0.3040



66.4103, 0.3366, 0.2987



46.0925, 0.3499, 0.3283



12.5259, 0.3212, 0.3171



9.3375, 0.4896, 0.2471



0.5799, 0.4526, 0.2267

Inverse Universe

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



46.9307, 0.3318, 0.3040



66.4103, 0.3366, 0.2987



60.4470, 0.2844, 0.3298



12.5259, 0.3212, 0.3171



9.3375, 0.4896, 0.2471



0.5799, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 46.9286, 0.3318, 0.3040 looks on a white background.

Color Contrast Check

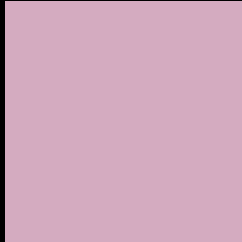
Large Text (above 18pt) WCAG AA × Fail

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 46.9286, 0.3318, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

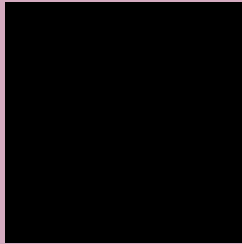
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9286, 0.3318, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 46.9286, 0.3318, 0.3040.



This preview shows how white text looks on a background with the Yxy color 46.9286, 0.3318, 0.3040.

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

46.9286, 0.3318, 0.3040

Protanopia

46.9487, 0.2996, 0.3073

Deuteranopia

46.9416, 0.3179, 0.3116



Tritanopia

46.8567, 0.3369, 0.3134

Trichromacy



Original Color

46.9286, 0.3318, 0.3040

Protanomaly

46.6363, 0.3104, 0.3052

Deuteranomaly

46.9781, 0.3233, 0.3094

Tritanomaly

46.9848, 0.3343, 0.3098

Monochromacy



Original Color

46.9286, 0.3318, 0.3040

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2807, 0.3191, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9286, 0.3318, 0.3040 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.9286, 0.3318, 0.3040 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, 192) }
```

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

```
.border{ border-color:rgb(212, 171, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9286, 0.3318, 0.3040 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, 192) }
```

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

```
.background{ background-color: rgb(212,  
171, 192) }
```

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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