

Converting Colors

$Y_{xy}(46.2291, 0.3644, 0.3516)$

Have a look what the booklet for
Yxy(46.2291, 0.3644, 0.3516)
contains.

Yxy(46.2507, 0.3646, 0.3513)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.2507, 0.3646, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	D4AD9B
RGB	212, 173, 155
RGB Percent	83%, 68%, 61%
CMY	0.1688, 0.3215, 0.3922
CMYK	0.00, 0.18, 0.27, 0.17
HSL	19°, 40%, 72%
HSV	19°, 27%, 83%
XYZ	48.0017, 46.2507, 37.4034
YIQ	182.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

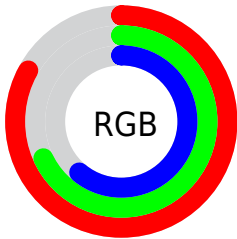
Format	Color
R _Y B	212, 181, 155
Decimal	13938075
CIE Lab	73.71, 11.50, 14.60
CIE LCh	74, 18.587, 51.758
Yxy	46.2507, 0.3646, 0.3513
Android (android.graphics.Color)	4292128155 (0xFFD4AD9B)
YUV	182.6090, -13.6112, 25.7759
Hunter-Lab	68.0079, 6.9762, 14.9968

Details

The Yxy color $46.2507, 0.3646, 0.3513$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.2706, 0.2715, 0.3055$, and the grayscale version is $47.1917, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.3503, 0.3445, 0.3482$, and $21.8423, 0.3799, 0.3571$ is the 20% darker color. If you saturate the color by 10%, you get $40.3431, 0.3904, 0.3600$, and if you desaturate by 10%, it is $52.8901, 0.3425, 0.3426$.

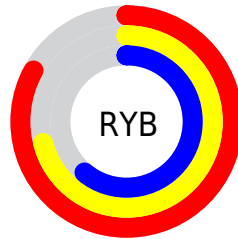
Distribution



Red (83%)

Green (68%)

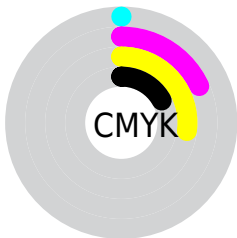
Blue (61%)



Red (83%)

Yellow (71%)

Blue (61%)

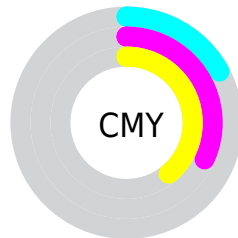


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (17%)



Cyan (17%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2507, 0.3646, 0.3513 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 46.2507, 0.3646, 0.3513 by changing the saturation by 10% instead.


 46.2507, 0.3646,
0.3513


 46.2507, 0.3646,
0.3513


371.8156, 0.3384,
0.3407

 32.4437, 0.3712,
0.3538


 84.5941, 0.3550,
0.3476

 21.7006, 0.3797,
0.3569


 109.8992, 0.3515,
0.3461

 13.6371, 0.3910,
0.3608


139.8059, 0.3485,
0.3449

 7.8687, 0.4067,
0.3658

174.6985, 0.3459,
0.3438

 4.0110, 0.4302,
0.3724

214.9613, 0.3436,
0.3429

 1.6797, 0.4720,
0.3837

260.9789, 0.3417,

 0.4105, 0.6204,

0.3420

0.3796

313.1355, 0.3400,
0.3413

0.0000, 0.0000,
0.0000

46.2507, 0.3646,
0.3513

46.2507, 0.3646,
0.3513

40.3431, 0.3904,
0.3600

52.8901, 0.3425,
0.3426

35.1352, 0.4202,
0.3683

60.2792, 0.3238,
0.3344

30.6019, 0.4535,
0.3754

68.4432, 0.3081,
0.3267

26.7140, 0.4894,
0.3801

77.4043, 0.2947,
0.3195

23.4400, 0.5255,
0.3813

86.7932, 0.2867,
0.3191

■ 20.7453, 0.5589,
0.3779

■ 92.7309, 0.2871,
0.3289

■ 18.5901, 0.5860,
0.3697

■ 18.0155, 0.5936,
0.3669

Harmonies

Analogous

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



46.2507, 0.3572, 0.3297



46.2507, 0.3646, 0.3513



46.2507, 0.3574, 0.3683

Triad

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



46.2507, 0.3646, 0.3513



46.2507, 0.2877, 0.3503



46.2507, 0.2865, 0.2859

Complementary

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



46.2507, 0.3646, 0.3513



50.2706, 0.2715, 0.3055

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.



46.2507, 0.2694, 0.2893



46.2507, 0.3646, 0.3513



46.2507, 0.2700, 0.3258

Square

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



46.2507, 0.3646, 0.3513



46.2507, 0.3124, 0.3690



46.2507, 0.2634, 0.3035



46.2507, 0.3113, 0.2930

Rectangle

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



46.2507, 0.3646, 0.3513



46.2507, 0.3455, 0.3744



46.2507, 0.2634, 0.3035



46.2507, 0.2797, 0.2858

Sweetspot

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



46.2528, 0.3646, 0.3513



90.1793, 0.3259, 0.3354



41.3650, 0.3312, 0.2813



18.9252, 0.3286, 0.3366



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.



46.2528, 0.3646, 0.3513



65.2441, 0.3782, 0.3561



57.9280, 0.3563, 0.3833



13.0559, 0.3283, 0.3364



11.2865, 0.5911, 0.3689



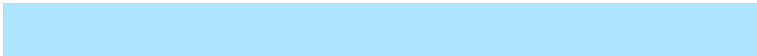
0.8278, 0.5569, 0.3960

Inverse Universe

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



50.2706, 0.2715, 0.3055



72.2842, 0.2633, 0.3000



39.1318, 0.2678, 0.2681



13.4140, 0.2982, 0.3214



15.6046, 0.1952, 0.2229



1.0869, 0.2009, 0.2434

Previews

White Background



This preview shows how the Yxy color 46.2507, 0.3646, 0.3513 looks on a white background.

Color Contrast Check

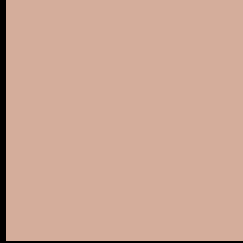
Large Text (above 18pt) WCAG AA × Fail

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 46.2507, 0.3646, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

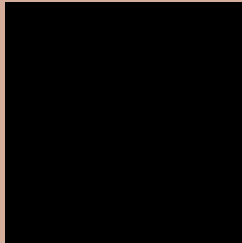
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2507, 0.3646, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 46.2507, 0.3646, 0.3513.



This preview shows how white text looks on a background with the Yxy color 46.2507, 0.3646, 0.3513.

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

46.2507, 0.3646, 0.3513

Protanopia

46.4981, 0.3387, 0.3578

Deuteranopia

46.0486, 0.3606, 0.3528



Tritanopia

46.2004, 0.3438, 0.3135

Trichromacy



Original Color

46.2507, 0.3646, 0.3513

Protanomaly

46.3152, 0.3475, 0.3547

Deuteranomaly

46.1940, 0.3615, 0.3527

Tritanomaly

46.0241, 0.3517, 0.3267

Monochromacy



Original Color

46.2507, 0.3646, 0.3513

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7267, 0.3308, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2507, 0.3646, 0.3513 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, 173, 155)` looks like.

```
.text, #text, p{  
    color:rgb(212, 173, 155)  
}
```

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, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 173, 155) }
```

Border

The CSS property to change the border of an element to Yxy 46.2507, 0.3646, 0.3513 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, 173, 155) }
```

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

```
.border{ border-color:rgb(212, 173, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 173, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 173, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 173, 155);  
box-shadow:4px 4px 4px 4px rgb(212, 173,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2507, 0.3646, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 173, 155) }
```

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

```
.background{ background-color: rgb(212,  
173, 155) }
```

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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