

Converting Colors

$Yxy(46.7689, 0.3614, 0.3536)$

Have a look what the booklet for
Yxy(46.7689, 0.3614, 0.3536)
contains.

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Color

Yxy(46.7281, 0.3621, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	D2AF9B
RGB	210, 175, 155
RGB Percent	82%, 69%, 61%
CMY	0.1765, 0.3137, 0.3920
CMYK	0.00, 0.17, 0.26, 0.18
HSL	22°, 38%, 72%
HSV	22°, 26%, 82%
XYZ	47.8243, 46.7281, 37.5225
YIQ	183.1850, 27.2800, 1.2000

Conversions

Conversions Part 2

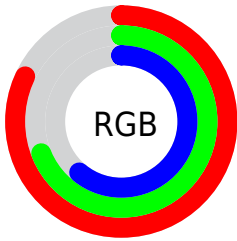
Format	Color
R _Y B	210, 186, 155
Decimal	13807515
CIE Lab	74.02, 9.69, 14.98
CIE LCh	74, 17.840, 57.108
Yxy	46.7281, 0.3621, 0.3538
Android (android.graphics.Color)	4291997595 (0xFFD2AF9B)
YUV	183.1850, -13.8952, 23.5168
Hunter-Lab	68.3580, 5.2550, 15.3056

Details

The Yxy color **46.7281, 0.3621, 0.3538** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4572, 0.2722, 0.3028**, and the grayscale version is **47.5288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0153, 0.3440, 0.3512**, and **22.1340, 0.3763, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **41.1363, 0.3868, 0.3638**, and if you desaturate by 10%, it is **52.9620, 0.3408, 0.3439**.

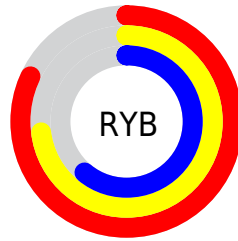
Distribution



Red (82%)

Green (69%)

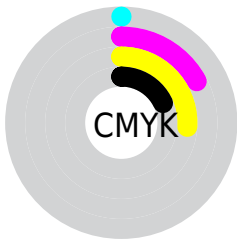
Blue (61%)



Red (82%)

Yellow (73%)

Blue (61%)

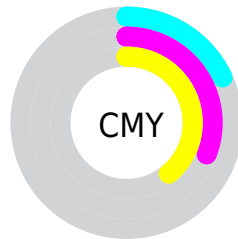


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7281, 0.3621, 0.3538 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 46.7281, 0.3621, 0.3538 by changing the saturation by 10% instead.


 46.7281, 0.3621,
0.3538

 46.7281, 0.3621,
0.3538


373.7282, 0.3373,
0.3419

 32.8208, 0.3683,
0.3566


 85.3076, 0.3530,
0.3496

 21.9892, 0.3763,
0.3601


 110.7486, 0.3497,
0.3480

 13.8489, 0.3870,
0.3646


140.8029, 0.3468,
0.3466

 8.0157, 0.4018,
0.3705

175.8549, 0.3443,
0.3454

 4.1050, 0.4238,
0.3785

216.2891, 0.3422,
0.3443

 1.7325, 0.4627,
0.3920

262.4897, 0.3403,

 0.4445, 0.5972,

0.3434

0.4028

314.8413, 0.3387,
0.3426

0.0000, 0.0000,
0.0000

46.7281, 0.3621,
0.3538

46.7281, 0.3621,
0.3538

41.1363, 0.3868,
0.3638

52.9620, 0.3408,
0.3439

36.1589, 0.4150,
0.3734

59.8516, 0.3226,
0.3345

31.7754, 0.4464,
0.3817

67.4185, 0.3071,
0.3257

27.9620, 0.4800,
0.3877

75.6809, 0.2939,
0.3176

24.6926, 0.5140,
0.3901

84.3286, 0.2853,
0.3152

■ 21.9388, 0.5456,
0.3877

■ 92.4400, 0.2860,
0.3289

■ 19.6683, 0.5721,
0.3802

■ 18.9137, 0.5812,
0.3767

Harmonies

Analogous

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



46.7281, 0.3575, 0.3335



46.7281, 0.3621, 0.3538



46.7281, 0.3529, 0.3687

Triad

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



46.7281, 0.3621, 0.3538



46.7281, 0.2851, 0.3454



46.7281, 0.2915, 0.2882

Complementary

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



46.7281, 0.3621, 0.3538



48.4572, 0.2722, 0.3028

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.



46.7281, 0.2734, 0.2897



46.7281, 0.3621, 0.3538



46.7281, 0.2698, 0.3218

Square

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



46.7281, 0.3621, 0.3538



46.7281, 0.3080, 0.3647



46.7281, 0.2656, 0.3015



46.7281, 0.3159, 0.2967

Rectangle

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



46.7281, 0.3621, 0.3538



46.7281, 0.3404, 0.3731



46.7281, 0.2656, 0.3015



46.7281, 0.2845, 0.2875

Sweetspot

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



46.7302, 0.3621, 0.3538



90.7481, 0.3259, 0.3363



40.9040, 0.3332, 0.2858



19.0679, 0.3285, 0.3377



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.



46.7302, 0.3621, 0.3538



67.9033, 0.3744, 0.3590



58.1893, 0.3543, 0.3849



12.5017, 0.3282, 0.3375



11.7136, 0.5786, 0.3788



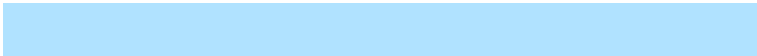
0.8042, 0.5435, 0.4066

Inverse Universe

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



48.4572, 0.2722, 0.3028



70.9828, 0.2643, 0.2968



37.9165, 0.2688, 0.2661



12.6543, 0.2983, 0.3203



13.3806, 0.1906, 0.2063



0.8962, 0.1976, 0.2313

Previews

White Background



This preview shows how the Yxy color 46.7281, 0.3621, 0.3538 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 46.7281, 0.3621, 0.3538 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 46.7281, 0.3621, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 46.7281, 0.3621, 0.3538.



This preview shows how white text looks on a background with the Yxy color 46.7281, 0.3621, 0.3538.

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

46.7281, 0.3621, 0.3538

Protanopia

47.0009, 0.3402, 0.3603

Deuteranopia

46.5818, 0.3612, 0.3539



Tritanopia

46.7326, 0.3398, 0.3135

Trichromacy



Original Color

46.7281, 0.3621, 0.3538

Protanomaly

46.6803, 0.3481, 0.3572

Deuteranomaly

46.5818, 0.3612, 0.3539

Tritanomaly

46.5192, 0.3485, 0.3279

Monochromacy



Original Color

46.7281, 0.3621, 0.3538

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9971, 0.3298, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7281, 0.3621, 0.3538 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, 175, 155)` looks like.

```
.text, #text, p{  
    color:rgb(210, 175, 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(210, 175, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 175, 155) }
```

Border

The CSS property to change the border of an element to Yxy 46.7281, 0.3621, 0.3538 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, 175, 155) }
```

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

```
.border{ border-color:rgb(210, 175, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 175, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 175, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 175, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 175,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7281, 0.3621, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 175, 155) }
```

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

```
.background{ background-color: rgb(210,  
175, 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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