

Converting Colors

$Yxy(47.8751, 0.3607, 0.3476)$

Have a look what the booklet for
Yxy(47.8751, 0.3607, 0.3476)
contains.

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Color

Yxy(47.9200, 0.3602, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	D6B0A1
RGB	214, 176, 161
RGB Percent	84%, 69%, 63%
CMY	0.1608, 0.3098, 0.3688
CMYK	0.00, 0.18, 0.25, 0.16
HSL	17°, 39%, 74%
HSV	17°, 25%, 84%
XYZ	49.6856, 47.9200, 40.3334
YIQ	185.6520, 27.4630, 3.3910

Conversions

Conversions Part 2

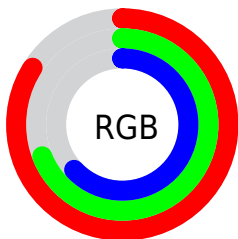
Format	Color
RYB	214, 182, 161
Decimal	14069921
CIELab	74.77, 11.51, 12.87
CIELCh	75, 17.267, 48.194
Yxy	47.9200, 0.3602, 0.3474
Android (android.graphics.Color)	4292260001 (0xFFD6B0A1)
YUV	185.6520, -12.1534, 24.8612
Hunter-Lab	69.2243, 6.9756, 13.9118

Details

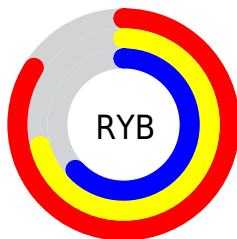
The Yxy color $47.9200, 0.3602, 0.3474$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $53.2510, 0.2748, 0.3098$, and the grayscale version is $48.9554, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9311, 0.3391, 0.3451$, and $22.6410, 0.3752, 0.3519$ is the 20% darker color. If you saturate the color by 10%, you get $41.5550, 0.3858, 0.3553$, and if you desaturate by 10%, it is $55.0973, 0.3385, 0.3397$.

Distribution



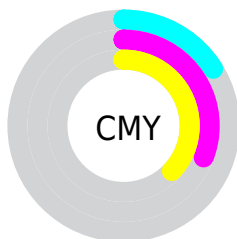
- Red (84%)
- Green (69%)
- Blue (63%)



- Red (84%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (16%)




- Cyan (16%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9200, 0.3602, 0.3474 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 47.9200, 0.3602, 0.3474 by changing the saturation by 10% instead.


 47.9200, 0.3602,
0.3474

 47.9200, 0.3602,
0.3474


378.4749, 0.3364,
0.3387

 33.7635, 0.3662,
0.3494


 87.0853, 0.3515,
0.3443

 22.7120, 0.3738,
0.3519


 112.8629, 0.3483,
0.3432

 14.3810, 0.3840,
0.3551


143.2830, 0.3455,
0.3421

 8.3861, 0.3981,
0.3592

178.7300, 0.3432,
0.3413

 4.3430, 0.4191,
0.3645

219.5883, 0.3411,
0.3405

 1.8672, 0.4532,
0.3715

266.2423, 0.3394,

 0.5286, 0.5971,

0.3398

0.4029

319.0764, 0.3378,
0.3392

0.0000, 0.0000,
0.0000

47.9200, 0.3602,
0.3474

47.9200, 0.3602,
0.3474

41.5550, 0.3858,
0.3553

55.0973, 0.3385,
0.3397

35.9668, 0.4155,
0.3629

63.1078, 0.3203,
0.3323

31.1265, 0.4494,
0.3694

71.9800, 0.3051,
0.3255

27.0013, 0.4863,
0.3740

81.7388, 0.2922,
0.3192

23.5555, 0.5242,
0.3754

91.5449, 0.2882,
0.3265

■ 20.7500, 0.5597,
0.3726

■ 93.0349, 0.2883,
0.3289

■ 18.5410, 0.5890,
0.3652

■ 17.6019, 0.6017,
0.3604

Harmonies

Analogous

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



47.9200, 0.3519, 0.3273



47.9200, 0.3602, 0.3474



47.9200, 0.3552, 0.3637

Triad

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



47.9200, 0.3602, 0.3474



47.9200, 0.2922, 0.3510



47.9200, 0.2863, 0.2891

Complementary

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



47.9200, 0.3602, 0.3474



53.2510, 0.2748, 0.3098

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.



47.9200, 0.2716, 0.2936



47.9200, 0.3602, 0.3474



47.9200, 0.2749, 0.3288

Square

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



47.9200, 0.3602, 0.3474



47.9200, 0.3154, 0.3669



47.9200, 0.2675, 0.3078



47.9200, 0.3085, 0.2946

Rectangle

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



47.9200, 0.3602, 0.3474



47.9200, 0.3451, 0.3701



47.9200, 0.2675, 0.3078



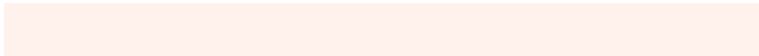
47.9200, 0.2804, 0.2895

Sweetspot

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



47.9222, 0.3602, 0.3474



91.0152, 0.3242, 0.3340



43.8953, 0.3287, 0.2842



19.3216, 0.3253, 0.3344



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.



47.9222, 0.3602, 0.3474



65.8980, 0.3738, 0.3518



59.3445, 0.3529, 0.3780



12.9889, 0.3284, 0.3357



10.7940, 0.5991, 0.3625



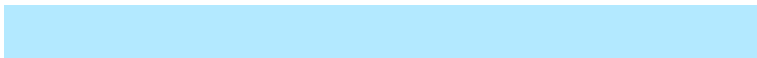
0.7915, 0.5646, 0.3899

Inverse Universe

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



53.2510, 0.2748, 0.3098



75.1894, 0.2666, 0.3049



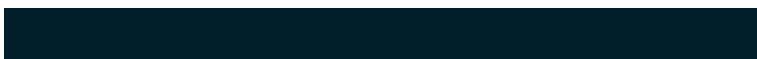
42.1073, 0.2718, 0.2746



13.4846, 0.2982, 0.3222



16.9461, 0.1985, 0.2345



1.1596, 0.2036, 0.2528

Previews

White Background



This preview shows how the Yxy color 47.9200, 0.3602, 0.3474 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 47.9200, 0.3602, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

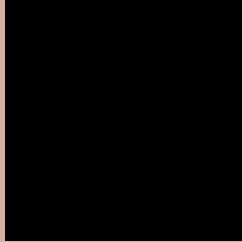
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9200, 0.3602, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 47.9200, 0.3602, 0.3474.



This preview shows how white text looks on a background with the Yxy color 47.9200, 0.3602, 0.3474.

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

47.9200, 0.3602, 0.3474

Protanopia

48.2041, 0.3349, 0.3535

Deuteranopia

47.7191, 0.3562, 0.3488



Tritanopia

47.8019, 0.3415, 0.3125

Trichromacy



Original Color

47.9200, 0.3602, 0.3474

Protanomaly

48.0074, 0.3435, 0.3505

Deuteranomaly

47.8664, 0.3571, 0.3487

Tritanomaly

47.6604, 0.3484, 0.3243

Monochromacy



Original Color

47.9200, 0.3602, 0.3474

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.3660, 0.3289, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9200, 0.3602, 0.3474 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(214, 176, 161) looks like.

```
.text, #text, p{  
    color:rgb(214, 176, 161)  
}
```

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(214, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 176, 161) }
```

Border

The CSS property to change the border of an element to Yxy 47.9200, 0.3602, 0.3474 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(214, 176, 161) }
```

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

```
.border{ border-color:rgb(214, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 176,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9200, 0.3602, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 176, 161) }
```

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

```
.background{ background-color: rgb(214,  
176, 161) }
```

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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