

Converting Colors

$Yxy(47.7437, 0.3783, 0.3624)$

Have a look what the booklet for
Yxy(47.7437, 0.3783, 0.3624)
contains.

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Color

Yxy(47.8266, 0.3778, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	DBAF93
RGB	219, 175, 147
RGB Percent	86%, 69%, 58%
CMY	0.1411, 0.3138, 0.4234
CMYK	0.00, 0.20, 0.33, 0.14
HSL	23°, 50%, 72%
HSV	23°, 33%, 86%
XYZ	49.8177, 47.8266, 34.2184
YIQ	184.9640, 35.2120, 0.6200

Conversions

Conversions Part 2

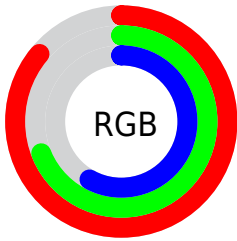
Format	Color
R _Y B	219, 193, 147
Decimal	14397331
CIE Lab	74.72, 12.12, 20.43
CIE LCh	75, 23.755, 59.318
Yxy	47.8266, 0.3778, 0.3627
Android (android.graphics.Color)	4292587411 (0xFFDBAF93)
YUV	184.9640, -18.7163, 29.8496
Hunter-Lab	69.1568, 7.5598, 19.0734

Details

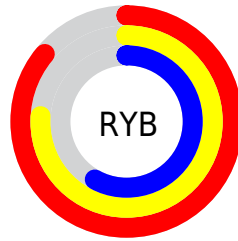
The Yxy color $47.8266, 0.3778, 0.3627$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $48.6090, 0.2615, 0.2925$, and the grayscale version is $48.5892, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.6289, 0.3494, 0.3593$, and $22.7970, 0.3965, 0.3720$ is the 20% darker color. If you saturate the color by 10%, you get $42.2472, 0.4044, 0.3732$, and if you desaturate by 10%, it is $54.0586, 0.3545, 0.3520$.

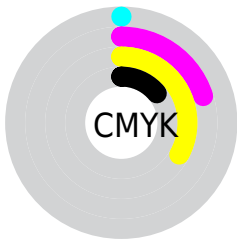
Distribution



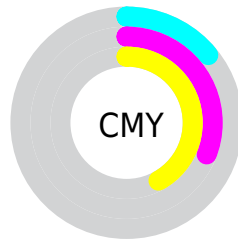
- Red (86%)
- Green (69%)
- Blue (58%)



- Red (86%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (14%)





- Cyan (14%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8266, 0.3778, 0.3627 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 47.8266, 0.3778, 0.3627 by changing the saturation by 10% instead.


 47.8266, 0.3778,
0.3627

 47.8266, 0.3778,
0.3627


378.1044, 0.3452,
0.3467

 33.6896, 0.3859,
0.3664


 86.9462, 0.3660,
0.3571

 22.6552, 0.3962,
0.3708


 112.6975, 0.3615,
0.3550

 14.3391, 0.4099,
0.3764

143.0891, 0.3578,
0.3531

 8.3569, 0.4286,
0.3835

178.5053, 0.3545,
0.3515

 4.3242, 0.4555,
0.3923

219.3306, 0.3517,
0.3501

 1.8565, 0.5103,
0.4128

265.9492, 0.3493,

 0.5220, 0.6028,

0.3489

0.3972

318.7457, 0.3471,
0.3477

0.0000, 0.0000,
0.0000

47.8266, 0.3778,
0.3627

47.8266, 0.3778,
0.3627

42.2472, 0.4044,
0.3732

54.0586, 0.3545,
0.3520

37.2914, 0.4341,
0.3827

60.9578, 0.3344,
0.3416

32.9374, 0.4662,
0.3901

68.5466, 0.3172,
0.3317

29.1596, 0.4991,
0.3943

76.8444, 0.3025,
0.3225

25.9299, 0.5307,
0.3940

85.7701, 0.2907,
0.3156

■ 23.2171, 0.5582,
0.3883

■ 93.8046, 0.2912,
0.3289

■ 21.5738, 0.5748,
0.3818

Harmonies

Analogous

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



47.8266, 0.3732, 0.3363



47.8266, 0.3778, 0.3627



47.8266, 0.3640, 0.3821

Triad

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



47.8266, 0.3778, 0.3627



47.8266, 0.2744, 0.3484



47.8266, 0.2868, 0.2763

Complementary

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



47.8266, 0.3778, 0.3627



48.6090, 0.2615, 0.2925

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.



47.8266, 0.2625, 0.2768



47.8266, 0.3778, 0.3627



47.8266, 0.2557, 0.3167

Square

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



47.8266, 0.3778, 0.3627



47.8266, 0.3037, 0.3754



47.8266, 0.2515, 0.2908



47.8266, 0.3192, 0.2882

Rectangle

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



47.8266, 0.3778, 0.3627



47.8266, 0.3468, 0.3878



47.8266, 0.2515, 0.2908



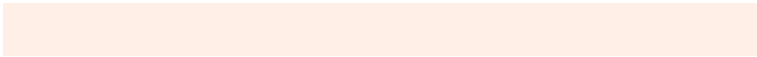
47.8266, 0.2775, 0.2750

Sweetspot

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



47.8288, 0.3778, 0.3627



88.9155, 0.3293, 0.3388



39.7196, 0.3424, 0.2769



18.7154, 0.3319, 0.3402



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.



47.8288, 0.3778, 0.3627



62.3084, 0.3946, 0.3695



63.5761, 0.3649, 0.4021



13.8768, 0.3282, 0.3381



12.9864, 0.5721, 0.3839



1.0056, 0.5419, 0.4079

Inverse Universe

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



48.6090, 0.2615, 0.2925



63.5451, 0.2517, 0.2840



34.9051, 0.2554, 0.2435



13.9361, 0.2982, 0.3197



13.3503, 0.1881, 0.1971



1.0304, 0.1947, 0.2209

Previews

White Background



This preview shows how the Yxy color 47.8266, 0.3778, 0.3627 looks on a white background.

Color Contrast Check

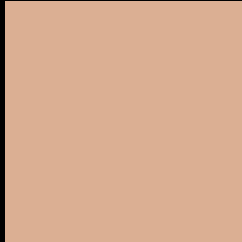
Large Text (above 18pt) WCAG AA × Fail

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 47.8266, 0.3778, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

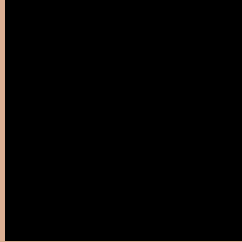
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8266, 0.3778, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 47.8266, 0.3778, 0.3627.



This preview shows how white text looks on a background with the Yxy color 47.8266, 0.3778, 0.3627.

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

47.8266, 0.3778, 0.3627

Protanopia

48.1174, 0.3492, 0.3715

Deuteranopia

47.9979, 0.3733, 0.3656



Tritanopia

47.8563, 0.3500, 0.3139

Trichromacy



Original Color

47.8266, 0.3778, 0.3627

Protanomaly

48.0871, 0.3591, 0.3680

Deuteranomaly

47.7562, 0.3746, 0.3643

Tritanomaly

47.9369, 0.3605, 0.3315

Monochromacy



Original Color

47.8266, 0.3778, 0.3627

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8583, 0.3349, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8266, 0.3778, 0.3627 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(219, 175, 147)` looks like.

```
.text, #text, p{  
    color:rgb(219, 175, 147)  
}
```

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(219, 175, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 175, 147) }
```

Border

The CSS property to change the border of an element to Yxy 47.8266, 0.3778, 0.3627 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(219, 175, 147) }
```

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

```
.border{ border-color:rgb(219, 175, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 175, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 175, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 175, 147);  
box-shadow:4px 4px 4px 4px rgb(219, 175,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8266, 0.3778, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 175, 147) }
```

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

```
.background{ background-color: rgb(219,  
175, 147) }
```

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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