

Converting Colors

$Yxy(47.2525, 0.3686, 0.3662)$

Have a look what the booklet for
Yxy(47.2525, 0.3686, 0.3662)
contains.

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Color

Yxy(47.2525, 0.3686, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	D2B193
RGB	210, 177, 147
RGB Percent	82%, 69%, 58%
CMY	0.1766, 0.3058, 0.4235
CMYK	0.00, 0.16, 0.30, 0.18
HSL	29°, 41%, 70%
HSV	29°, 30%, 82%
XYZ	47.5622, 47.2525, 34.2200
YIQ	183.4470, 29.2980, -2.3340

Conversions

Conversions Part 2

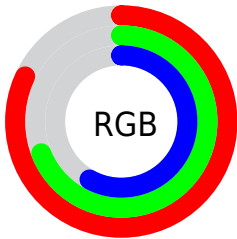
Format	Color
R _Y B	210, 204, 147
Decimal	13808019
CIE Lab	74.35, 7.51, 19.80
CIE LCh	74, 21.177, 69.218
Yxy	47.2525, 0.3686, 0.3662
Android (android.graphics.Color)	4291998099 (0xFFD2B193)
YUV	183.4470, -17.9684, 23.2870
Hunter-Lab	68.7405, 3.2101, 18.6029

Details

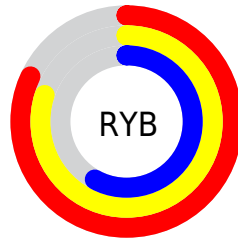
The Yxy color $47.2525, 0.3686, 0.3662$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $43.4858, 0.2653, 0.2885$, and the grayscale version is $47.7010, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7549, 0.3490, 0.3613$, and $22.2284, 0.3856, 0.3754$ is the 20% darker color. If you saturate the color by 10%, you get $42.4853, 0.3924, 0.3790$, and if you desaturate by 10%, it is $52.4942, 0.3475, 0.3533$.

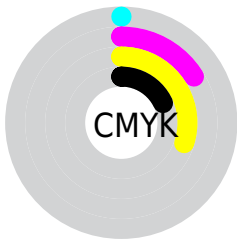
Distribution



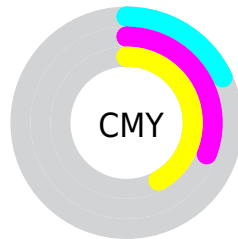
- Red (82%)
- Green (69%)
- Blue (58%)



- Red (82%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2525, 0.3686, 0.3662 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 47.2525, 0.3686, 0.3662 by changing the saturation by 10% instead.


 47.2525, 0.3686,
0.3662


 47.2525, 0.3686,
0.3662


375.8215, 0.3406,
0.3482

 33.2353, 0.3755,
0.3705


 86.0904, 0.3584,
0.3598

 22.3068, 0.3844,
0.3758


 111.6799, 0.3546,
0.3574

 14.0825, 0.3961,
0.3827


141.8956, 0.3514,
0.3553

 8.1781, 0.4122,
0.3916

177.1220, 0.3486,
0.3535

 4.2091, 0.4355,
0.4036

217.7434, 0.3462,
0.3519

 1.7912, 0.4851,
0.4316

264.1441, 0.3441,

 0.4817, 0.5711,

0.3505

0.4289

316.7087, 0.3423,
0.3493

0.0000, 0.0000,
0.0000

47.2525, 0.3686,
0.3662

47.2525, 0.3686,
0.3662

42.4853, 0.3924,
0.3790

52.4942, 0.3475,
0.3533

38.1712, 0.4185,
0.3911

58.2178, 0.3289,
0.3408

34.2968, 0.4465,
0.4014

64.4388, 0.3127,
0.3290

30.8453, 0.4752,
0.4087

71.1699, 0.2986,
0.3180

27.7982, 0.5029,
0.4117

78.4234, 0.2865,
0.3078

■ 25.1353, 0.5278,
0.4094

■ 84.9974, 0.2854,
0.3164

■ 22.8265, 0.5489,
0.4024

■ 91.7731, 0.2860,
0.3278

■ 22.8240, 0.5489,
0.4024

■ 92.4381, 0.2860,
0.3289

Harmonies

Analogous

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



47.2525, 0.3700, 0.3440



47.2525, 0.3686, 0.3662



47.2525, 0.3517, 0.3799

Triad

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



47.2525, 0.3686, 0.3662



47.2525, 0.2715, 0.3370



47.2525, 0.2986, 0.2839

Complementary

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



47.2525, 0.3686, 0.3662



43.4858, 0.2653, 0.2885

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.



47.2525, 0.2737, 0.2806



47.2525, 0.3686, 0.3662



47.2525, 0.2586, 0.3096

Square

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



47.2525, 0.3686, 0.3662



47.2525, 0.2954, 0.3634



47.2525, 0.2594, 0.2894



47.2525, 0.3285, 0.2979

Rectangle

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



47.2525, 0.3686, 0.3662



47.2525, 0.3344, 0.3814



47.2525, 0.2594, 0.2894



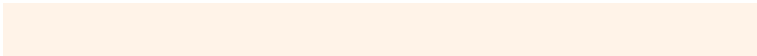
47.2525, 0.2894, 0.2815

Sweetspot

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



47.2547, 0.3686, 0.3662



91.1821, 0.3274, 0.3397



37.8872, 0.3442, 0.2879



19.2246, 0.3299, 0.3415



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.



47.2547, 0.3686, 0.3662



68.5108, 0.3835, 0.3745



60.8567, 0.3583, 0.4011



12.7242, 0.3279, 0.3401



14.1245, 0.5465, 0.4042



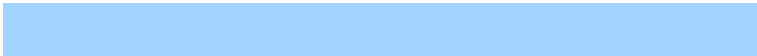
0.9482, 0.5172, 0.4276

Inverse Universe

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



43.4858, 0.2653, 0.2885



61.7427, 0.2549, 0.2783



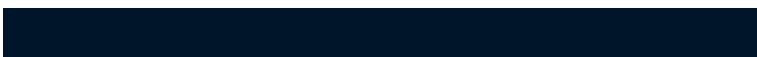
32.3842, 0.2604, 0.2450



12.4271, 0.2983, 0.3176



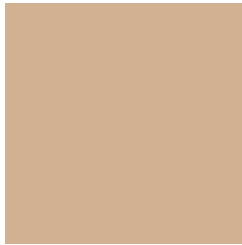
9.8342, 0.1797, 0.1668



0.7083, 0.1886, 0.1989

Previews

White Background



This preview shows how the Yxy color 47.2525, 0.3686, 0.3662 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 47.2525, 0.3686, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

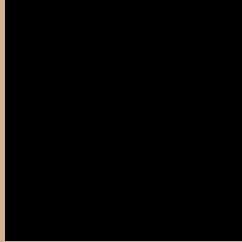
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2525, 0.3686, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 47.2525, 0.3686, 0.3662.



This preview shows how white text looks on a background with the Yxy color 47.2525, 0.3686, 0.3662.

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

47.2525, 0.3686, 0.3662

Protanopia

47.5383, 0.3494, 0.3717

Deuteranopia

47.3034, 0.3718, 0.3646



Tritanopia

47.3040, 0.3396, 0.3135

Trichromacy



Original Color

47.2525, 0.3686, 0.3662

Protanomaly

47.4970, 0.3563, 0.3698

Deuteranomaly

47.1543, 0.3709, 0.3648

Tritanomaly

47.3585, 0.3508, 0.3328

Monochromacy



Original Color

47.2525, 0.3686, 0.3662

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2875, 0.3322, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2525, 0.3686, 0.3662 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, 177, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 177, 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(210, 177, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 177, 147) }
```

Border

The CSS property to change the border of an element to Yxy 47.2525, 0.3686, 0.3662 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, 177, 147) }
```

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

```
.border{ border-color:rgb(210, 177, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 177, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 177, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 177, 147); box-shadow:4px 4px 4px 4px rgb(210, 177, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2525, 0.3686, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 177, 147) }
```

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

```
.background{ background-color: rgb(210,  
177, 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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