

Converting Colors

Yxy(62.0596, 0.3487, 0.3800)

Have a look what the booklet for
Yxy(62.0596, 0.3487, 0.3800)
contains.

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Color

Yxy(62.0882, 0.3492, 0.3805)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6D0A4 |
| RGB | 214, 208, 164 |
| RGB Percent | 84%, 82%, 64% |
| CMY | 0.1609, 0.1843, 0.3568 |
| CMYK | 0.00, 0.03, 0.23, 0.16 |
| HSL | 53°, 38%, 74% |
| HSV | 53°, 23%, 84% |
| XYZ | 56.9808, 62.0882, 44.1063 |
| YIQ | 204.7780, 17.7000, -12.4120 |

Conversions

Conversions Part 2

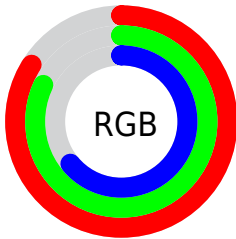
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 171, 214, 164 |
| Decimal | 14078116 |
| CIELab | 82.96, -4.95, 22.64 |
| CIELCh | 83, 23.174, 102.342 |
| Yxy | 62.0882, 0.3492, 0.3805 |
| Android (android.graphics.Color) | 4292268196 (0xFFD6D0A4) |
| YUV | 204.7780, -20.1036, 8.0877 |
| Hunter-Lab | 78.7961, -8.8121, 21.9695 |

Details

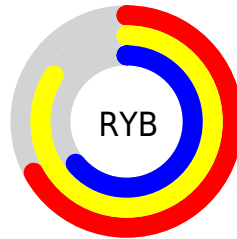
The Yxy color **62.0882, 0.3492, 0.3805** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4797, 0.2738, 0.2717**, and the grayscale version is **61.0226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **31.6520, 0.3582, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **60.1494, 0.3656, 0.4029**, and if you desaturate by 10%, it is **64.1826, 0.3331, 0.3581**.

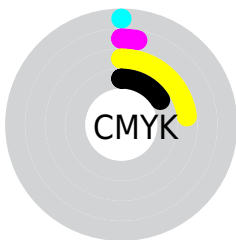
Distribution



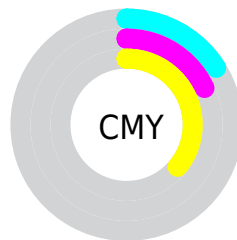
- Red (84%)
- Green (82%)
- Blue (64%)



- Red (67%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0882, 0.3492, 0.3805 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 62.0882, 0.3492, 0.3805 by changing the saturation by 10% instead.


 62.0882, 0.3492,
0.3805

 62.0882, 0.3492,
0.3805


432.2527, 0.3321,
0.3558

 45.1040, 0.3531,
0.3863


 107.8530, 0.3432,
0.3718

 31.5393, 0.3580,
0.3936


 137.4023, 0.3409,
0.3684

 21.0099, 0.3642,
0.4030


171.9089, 0.3389,
0.3656

 13.1312, 0.3722,
0.4154

211.7569, 0.3372,
0.3631

 7.5190, 0.3829,
0.4326

257.3310, 0.3357,
0.3609

 3.7887, 0.3974,
0.4574

309.0154, 0.3343,

 1.5561, 0.4570,

0.3590

0.5430

367.1945, 0.3331,
0.3573

0.3277, 0.3677,
0.6323

0.0000, 0.0000,
0.0000

62.0882, 0.3492,
0.3805

62.0882, 0.3492,
0.3805

60.1494, 0.3656,
0.4029

64.1826, 0.3331,
0.3581

58.3512, 0.3819,
0.4243

66.4303, 0.3177,
0.3361

56.6893, 0.3974,
0.4439

68.8400, 0.3032,
0.3152

55.1557, 0.4114,
0.4606

71.4170, 0.2898,
0.2955

■ 53.7418, 0.4233,
0.4735

■ 73.0934, 0.2867,
0.2928

■ 52.4372, 0.4325,
0.4821

■ 74.4469, 0.2868,
0.2956

■ 51.2298, 0.4390,
0.4862

■ 75.8208, 0.2869,
0.2983

■ 50.4667, 0.4422,
0.4871

■ 77.2154, 0.2871,
0.3011

■ 78.6306, 0.2872,
0.3038

Harmonies

Analogous

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



62.0882, 0.3675, 0.3681



62.0882, 0.3492, 0.3805



62.0882, 0.3216, 0.3784

Triad

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



62.0882, 0.3492, 0.3805



62.0882, 0.2581, 0.3071



62.0882, 0.3316, 0.2999

Complementary

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



62.0882, 0.3492, 0.3805



41.4797, 0.2738, 0.2717

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.



62.0882, 0.3017, 0.2849



62.0882, 0.3492, 0.3805



62.0882, 0.2604, 0.2879

Square

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



62.0882, 0.3492, 0.3805



62.0882, 0.2696, 0.3341



62.0882, 0.2759, 0.2804



62.0882, 0.3573, 0.3219

Rectangle

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



62.0882, 0.3492, 0.3805



62.0882, 0.3019, 0.3683



62.0882, 0.2759, 0.2804



62.0882, 0.3217, 0.2939

Sweetspot

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



62.0910, 0.3492, 0.3805



97.5547, 0.3233, 0.3442



43.7724, 0.3543, 0.3210



20.8368, 0.3242, 0.3455



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.



62.0910, 0.3492, 0.3805



90.9196, 0.3573, 0.3916



62.4439, 0.3334, 0.3897



14.2557, 0.3269, 0.3494



30.6165, 0.4418, 0.4874



1.9195, 0.4374, 0.4909

Inverse Universe

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



41.4797, 0.2738, 0.2717



55.1046, 0.2645, 0.2575



41.3920, 0.2882, 0.2664



12.2445, 0.2981, 0.3078



3.4470, 0.1526, 0.0693



0.2890, 0.1589, 0.0922

Previews

White Background



This preview shows how the Yxy color 62.0882, 0.3492, 0.3805 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 62.0882, 0.3492, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

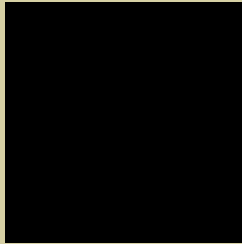
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

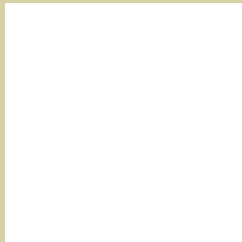
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0882, 0.3492, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 62.0882, 0.3492, 0.3805.



This preview shows how white text looks on a background with the Yxy color 62.0882, 0.3492, 0.3805.

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

62.0882, 0.3492, 0.3805

Protanopia

62.0026, 0.3554, 0.3786

Deuteranopia

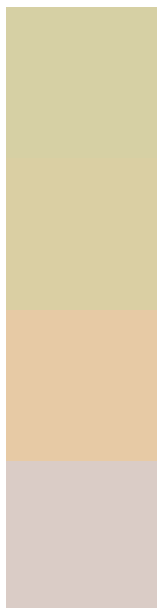
61.6666, 0.3721, 0.3642



Tritanopia

62.1552, 0.3166, 0.3113

Trichromacy



Original Color

62.0882, 0.3492, 0.3805

Protanomaly

62.1754, 0.3535, 0.3800

Deuteranomaly

61.9466, 0.3641, 0.3706

Tritanomaly

62.1684, 0.3279, 0.3359

Monochromacy



Original Color

62.0882, 0.3492, 0.3805

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2702, 0.3257, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0882, 0.3492, 0.3805 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, 208, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 164)  
}
```

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, 208, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 164) }
```

Border

The CSS property to change the border of an element to Yxy 62.0882, 0.3492, 0.3805 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, 208, 164) }
```

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

```
.border{ border-color:rgb(214, 208, 164) }
```

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

Here you see how a box with a 4 pixel rgb(214, 208, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0882, 0.3492, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 164) }
```

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

```
.background{ background-color: rgb(214,  
208, 164) }
```

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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