

Converting Colors

Yxy(62.9531, 0.3417, 0.3698)

Have a look what the booklet for
Yxy(62.9531, 0.3417, 0.3698)
contains.

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Color

Yxy(62.9531, 0.3417, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	D6D1AE
RGB	214, 209, 174
RGB Percent	84%, 82%, 68%
CMY	0.1608, 0.1804, 0.3178
CMYK	0.00, 0.02, 0.19, 0.16
HSL	53°, 33%, 76%
HSV	53°, 19%, 84%
XYZ	58.1695, 62.9531, 49.1130
YIQ	206.5050, 14.2150, -9.8250

Conversions

Conversions Part 2

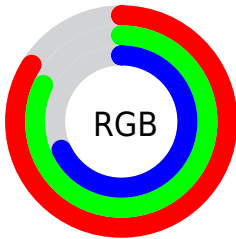
Format	Color
RYB	180, 214, 174
Decimal	14078382
CIELab	83.42, -4.01, 18.03
CIElCh	83, 18.469, 102.551
Yxy	62.9531, 0.3417, 0.3698
Android (android.graphics.Color)	4292268462 (0xFFD6D1AE)
YUV	206.5050, -16.0250, 6.5731
Hunter-Lab	79.3430, -7.9848, 18.8399

Details

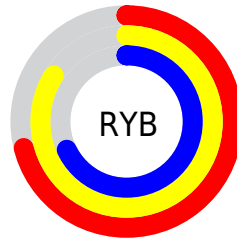
The Yxy color **62.9531, 0.3417, 0.3698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.0750, 0.2823, 0.2846**, and the grayscale version is **62.1602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **32.1941, 0.3491, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **60.8880, 0.3581, 0.3922**, and if you desaturate by 10%, it is **65.1787, 0.3258, 0.3477**.

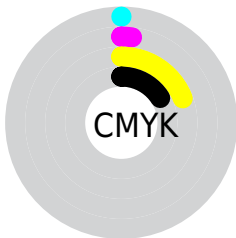
Distribution



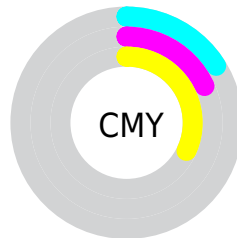
- Red (84%)
- Green (82%)
- Blue (68%)



- Red (71%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9531, 0.3417, 0.3698 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 62.9531, 0.3417, 0.3698 by changing the saturation by 10% instead.


 62.9531, 0.3417,
0.3698

 62.9531, 0.3417,
0.3698


435.3993, 0.3281,
0.3503

 45.8033, 0.3449,
0.3744

 109.1018, 0.3369,
0.3629

 32.0906, 0.3488,
0.3802

138.8696, 0.3351,
0.3603

 21.4307, 0.3538,
0.3876


173.6120, 0.3335,
0.3580

 13.4392, 0.3603,
0.3975

213.7136, 0.3321,
0.3560

 7.7317, 0.3692,
0.4113

259.5587, 0.3309,
0.3543

 3.9237, 0.3819,
0.4317

311.5318, 0.3298,

 1.6310, 0.4145,

0.3528

0.4803

370.0172, 0.3289,
0.3515

0.3784, 0.4088,
0.5912

0.0000, 0.0000,
0.0000

62.9531, 0.3417,
0.3698

62.9531, 0.3417,
0.3698

60.8880, 0.3581,
0.3922

65.1787, 0.3258,
0.3477

58.9686, 0.3746,
0.4140

67.5624, 0.3108,
0.3263

57.1908, 0.3907,
0.4345

70.1126, 0.2969,
0.3061

55.5472, 0.4056,
0.4526

72.5369, 0.2867,
0.2917

■ 54.0292, 0.4187,
0.4673

■ 73.9464, 0.2868,
0.2946

■ 52.6275, 0.4294,
0.4779

■ 75.3784, 0.2869,
0.2974

■ 51.3309, 0.4374,
0.4840

■ 76.8330, 0.2871,
0.3003

■ 50.1221, 0.4427,
0.4860

■ 78.3103, 0.2872,
0.3032

■ 49.9690, 0.4434,
0.4862

■ 79.8103, 0.2873,
0.3060

Harmonies

Analogous

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



62.9531, 0.3561, 0.3605



62.9531, 0.3417, 0.3698



62.9531, 0.3198, 0.3677

Triad

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



62.9531, 0.3417, 0.3698



62.9531, 0.2690, 0.3118



62.9531, 0.3280, 0.3058

Complementary

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



62.9531, 0.3417, 0.3698



46.0750, 0.2823, 0.2846

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.



62.9531, 0.3042, 0.2937



62.9531, 0.3417, 0.3698



62.9531, 0.2709, 0.2964

Square

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



62.9531, 0.3417, 0.3698



62.9531, 0.2783, 0.3330



62.9531, 0.2835, 0.2901



62.9531, 0.3481, 0.3237

Rectangle

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



62.9531, 0.3417, 0.3698



62.9531, 0.3041, 0.3597



62.9531, 0.2835, 0.2901



62.9531, 0.3201, 0.3009

Sweetspot

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



62.9559, 0.3417, 0.3698



97.8420, 0.3218, 0.3419



47.8234, 0.3443, 0.3227



20.8931, 0.3228, 0.3433



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.



62.9559, 0.3417, 0.3698



92.5157, 0.3474, 0.3777



63.3345, 0.3293, 0.3770



14.2433, 0.3269, 0.3492



30.3079, 0.4430, 0.4865



1.9038, 0.4383, 0.4902

Inverse Universe

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



46.0750, 0.2823, 0.2846



63.4413, 0.2759, 0.2752



45.8889, 0.2937, 0.2798



12.2558, 0.2981, 0.3079



3.4823, 0.1528, 0.0699



0.2944, 0.1593, 0.0936

Previews

White Background



This preview shows how the Yxy color 62.9531, 0.3417, 0.3698 looks on a white background.

Color Contrast Check

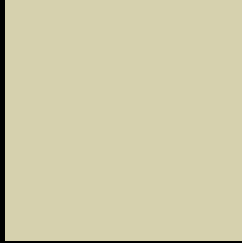
Large Text (above 18pt) WCAG AA × Fail

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 62.9531, 0.3417, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

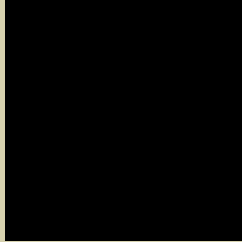
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

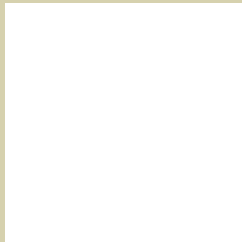
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9531, 0.3417, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 62.9531, 0.3417, 0.3698.



This preview shows how white text looks on a background with the Yxy color 62.9531, 0.3417, 0.3698.

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

62.9531, 0.3417, 0.3698

Protanopia

62.7028, 0.3469, 0.3682

Deuteranopia

62.7939, 0.3627, 0.3554



Tritanopia

63.0420, 0.3143, 0.3113

Trichromacy



Original Color

62.9531, 0.3417, 0.3698

Protanomaly

62.8806, 0.3450, 0.3695

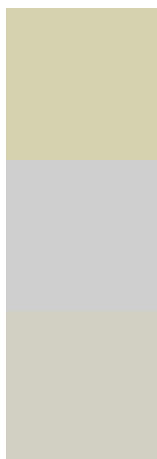
Deuteranomaly

62.6300, 0.3553, 0.3605

Tritanomaly

62.8799, 0.3242, 0.3313

Monochromacy



Original Color

62.9531, 0.3417, 0.3698

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.7535, 0.3234, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9531, 0.3417, 0.3698 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, 209, 174)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 174)  
}
```

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, 209, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 174) }
```

Border

The CSS property to change the border of an element to Yxy 62.9531, 0.3417, 0.3698 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, 209, 174) }
```

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

```
.border{ border-color:rgb(214, 209, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 174);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9531, 0.3417, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 174) }
```

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

```
.background{ background-color: rgb(214,  
209, 174) }
```

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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