

Converting Colors

Yxy(62.0514, 0.3667, 0.4053)

Have a look what the booklet for
Yxy(62.0514, 0.3667, 0.4053)
contains.

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Color

Yxy(62.3358, 0.3666, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	D9D18F
RGB	217, 209, 143
RGB Percent	85%, 82%, 56%
CMY	0.1491, 0.1803, 0.4391
CMYK	0.00, 0.04, 0.34, 0.15
HSL	54°, 49%, 71%
HSV	54°, 34%, 85%
XYZ	56.3698, 62.3358, 35.0581
YIQ	203.8680, 25.9540, -18.8300

Conversions

Conversions Part 2

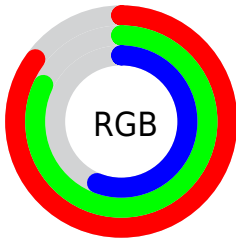
Format	Color
R _{YB}	152, 217, 143
Decimal	14274959
CIE Lab	83.09, -7.03, 33.77
CIE LCh	83, 34.493, 101.764
Yxy	62.3358, 0.3666, 0.4054
Android (android.graphics.Color)	4292465039 (0xFFD9D18F)
YUV	203.8680, -30.0079, 11.5168
Hunter-Lab	78.9530, -10.7249, 28.9401

Details

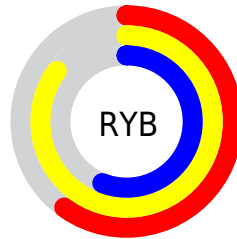
The Yxy color **62.3358, 0.3666, 0.4054** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.9813, 0.2529, 0.2389**, and the grayscale version is **60.4776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **31.7925, 0.3785, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **60.6049, 0.3826, 0.4269**, and if you desaturate by 10%, it is **64.2164, 0.3503, 0.3828**.

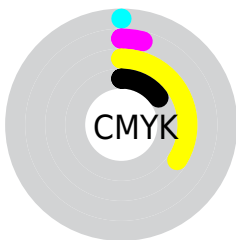
Distribution



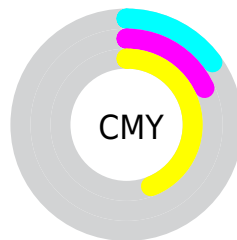
- Red (85%)
- Green (82%)
- Blue (56%)



- Red (60%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3358, 0.3666, 0.4054 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 62.3358, 0.3666, 0.4054 by changing the saturation by 10% instead.

62.3358, 0.3666,
0.4054

62.3358, 0.3666,
0.4054

433.1549, 0.3417,
0.3689

45.3041, 0.3722,
0.4139

108.2107, 0.3580,
0.3926

31.6970, 0.3789,
0.4243

137.8227, 0.3547,
0.3877

21.1302, 0.3871,
0.4376

172.3969, 0.3518,
0.3834

13.2192, 0.3974,
0.4547

212.3177, 0.3492,
0.3798

7.5797, 0.4099,
0.4773

257.9695, 0.3470,
0.3765

3.8272, 0.4296,
0.5137

309.7367, 0.3450,

1.5774, 0.4442,

0.3737

0.5558

368.0037, 0.3433,
0.3712

■ 0.3423, 0.3098,
0.6902

■ 0.0000, 0.0000,
0.0000

■ 62.3358, 0.3666,
0.4054

■ 62.3358, 0.3666,
0.4054

■ 60.6049, 0.3826,
0.4269

■ 64.2164, 0.3503,
0.3828

■ 59.0077, 0.3977,
0.4465

■ 66.2450, 0.3342,
0.3601

■ 57.5389, 0.4113,
0.4631

■ 68.4308, 0.3188,
0.3378

■ 56.1894, 0.4226,
0.4759

■ 70.7798, 0.3042,
0.3165

■ 54.9484, 0.4313,
0.4842

■ 73.2975, 0.2907,
0.2965

■ 53.8031, 0.4373,
0.4882

■ 74.7602, 0.2887,
0.2955

■ 53.1575, 0.4398,
0.4890

■ 76.0177, 0.2888,
0.2980

■ 77.2925, 0.2889,
0.3005

■ 78.5847, 0.2890,
0.3030

Harmonies

Analogous

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



62.3358, 0.3941, 0.3847



62.3358, 0.3666, 0.4054



62.3358, 0.3257, 0.4045

Triad

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



62.3358, 0.3666, 0.4054



62.3358, 0.2335, 0.2960



62.3358, 0.3395, 0.2861

Complementary

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



62.3358, 0.3666, 0.4054



32.9813, 0.2529, 0.2389

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.



62.3358, 0.2950, 0.2652



62.3358, 0.3666, 0.4054



62.3358, 0.2364, 0.2686

Square

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



62.3358, 0.3666, 0.4054



62.3358, 0.2499, 0.3366



62.3358, 0.2580, 0.2585



62.3358, 0.3786, 0.3171

Rectangle

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



62.3358, 0.3666, 0.4054



62.3358, 0.2967, 0.3895



62.3358, 0.2580, 0.2585



62.3358, 0.3245, 0.2778

Sweetspot

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



62.3386, 0.3666, 0.4054



96.7255, 0.3280, 0.3511



36.6571, 0.3831, 0.3186



20.6088, 0.3302, 0.3543



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.



62.3386, 0.3666, 0.4054



88.0220, 0.3784, 0.4213



62.3684, 0.3414, 0.4203



15.0118, 0.3269, 0.3497



32.2816, 0.4395, 0.4892



2.1614, 0.4358, 0.4922

Inverse Universe

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



32.9813, 0.2529, 0.2389



39.4851, 0.2381, 0.2158



33.3620, 0.2751, 0.2340



12.8417, 0.2981, 0.3075



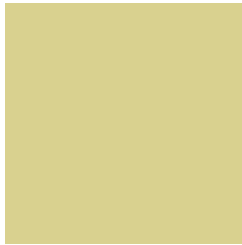
3.4874, 0.1522, 0.0680



0.3038, 0.1578, 0.0880

Previews

White Background



This preview shows how the Yxy color 62.3358, 0.3666, 0.4054 looks on a white background.

Color Contrast Check

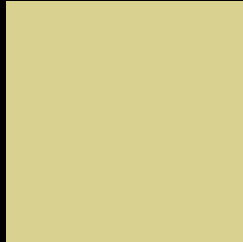
Large Text (above 18pt) WCAG AA × Fail

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 62.3358, 0.3666, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

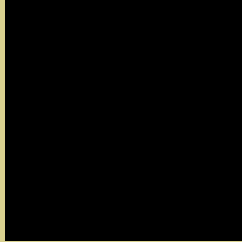
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3358, 0.3666, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 62.3358, 0.3666, 0.4054.



This preview shows how white text looks on a background with the Yxy color 62.3358, 0.3666, 0.4054.

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

62.3358, 0.3666, 0.4054

Protanopia

62.4259, 0.3739, 0.4029

Deuteranopia

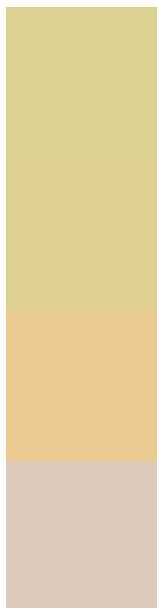
62.0253, 0.3938, 0.3858



Tritanopia

62.2224, 0.3213, 0.3125

Trichromacy



Original Color

62.3358, 0.3666, 0.4054

Protanomaly

62.4369, 0.3710, 0.4046

Deuteranomaly

61.9168, 0.3836, 0.3932

Tritanomaly

61.9156, 0.3380, 0.3450

Monochromacy



Original Color

62.3358, 0.3666, 0.4054

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0753, 0.3323, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3358, 0.3666, 0.4054 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(217, 209, 143)` looks like.

```
.text, #text, p{  
    color:rgb(217, 209, 143)  
}
```

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(217, 209, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 209, 143) }
```

Border

The CSS property to change the border of an element to Yxy 62.3358, 0.3666, 0.4054 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(217, 209, 143) }
```

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

```
.border{ border-color:rgb(217, 209, 143) }
```

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

Here you see how a box with a 4 pixel rgb(217, 209, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 209, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 209, 143);  
box-shadow:4px 4px 4px 4px rgb(217, 209,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3358, 0.3666, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 209, 143) }
```

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

```
.background{ background-color: rgb(217,  
209, 143) }
```

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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