

Converting Colors

$Yxy(63.1587, 0.3552, 0.3920)$

Have a look what the booklet for
Yxy(63.1587, 0.3552, 0.3920)
contains.

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Color

Yxy(62.9406, 0.3554, 0.3919)

Conversions

Conversions Part 1

Format	Color
Hex	D7D29C
RGB	215, 210, 156
RGB Percent	84%, 82%, 61%
CMY	0.1567, 0.1765, 0.3883
CMYK	0.00, 0.02, 0.27, 0.16
HSL	55°, 42%, 73%
HSV	55°, 27%, 84%
XYZ	57.0786, 62.9406, 40.5846
YIQ	205.3390, 20.3140, -15.7340

Conversions

Conversions Part 2

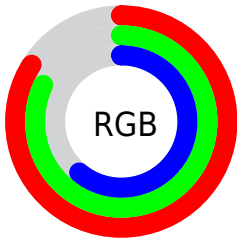
Format	Color
R _{YB}	161, 215, 156
Decimal	14144156
CIE _{Lab}	83.41, -6.66, 27.46
CIE _{LCh}	83, 28.259, 103.622
Y _{xy}	62.9406, 0.3554, 0.3919
Android (android.graphics.Color)	4292334236 (0xFFD7D29C)
Y _{UV}	205.3390, -24.3241, 8.4727
Hunter-Lab	79.3351, -10.4126, 25.2043

Details

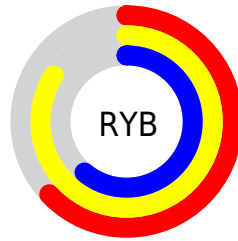
The Yxy color $62.9406, 0.3554, 0.3919$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.4731, 0.2658, 0.2572$, and the grayscale version is $61.4294, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4831, 0.3388, 0.3721$, and $32.2500, 0.3659, 0.4086$ is the 20% darker color. If you saturate the color by 10%, you get $61.3769, 0.3713, 0.4146$, and if you desaturate by 10%, it is $64.6493, 0.3394, 0.3687$.

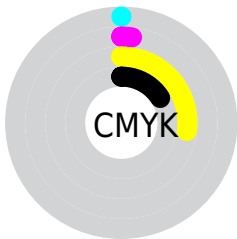
Distribution



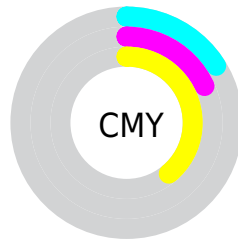
- Red (84%)
- Green (82%)
- Blue (61%)



- Red (63%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9406, 0.3554, 0.3919 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 62.9406, 0.3554, 0.3919 by changing the saturation by 10% instead.


 62.9406, 0.3554,
0.3919


 62.9406, 0.3554,
0.3919


435.3539, 0.3355,
0.3618

 45.7932, 0.3599,
0.3990

 109.0838, 0.3485,
0.3813

 32.0826, 0.3654,
0.4078


 138.8484, 0.3458,
0.3772

 21.4246, 0.3723,
0.4190


173.5874, 0.3435,
0.3737

 13.4347, 0.3810,
0.4338

213.6854, 0.3415,
0.3707

 7.7286, 0.3923,
0.4539

259.5266, 0.3397,
0.3680

 3.9218, 0.4067,
0.4824

311.4955, 0.3382,

 1.6299, 0.4471,

0.3657

0.5529

369.9764, 0.3368,
0.3636

0.3776, 0.3422,
0.6578

0.0000, 0.0000,
0.0000

62.9406, 0.3554,
0.3919

62.9406, 0.3554,
0.3919

61.3769, 0.3713,
0.4146

64.6493, 0.3394,
0.3687

59.9429, 0.3867,
0.4360

66.5009, 0.3239,
0.3457

58.6340, 0.4008,
0.4549

68.5040, 0.3090,
0.3235

57.4419, 0.4130,
0.4705

70.6644, 0.2952,
0.3025

■ 56.3572, 0.4228,
0.4821

■ 72.4275, 0.2873,
0.2912

■ 55.3690, 0.4299,
0.4892

■ 73.3918, 0.2874,
0.2932

■ 54.4623, 0.4343,
0.4921

■ 74.3668, 0.2875,
0.2952

■ 54.2389, 0.4353,
0.4926

■ 75.3523, 0.2876,
0.2971

■ 76.3486, 0.2877,
0.2991

Harmonies

Analogous

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



62.9406, 0.3785, 0.3768



62.9406, 0.3554, 0.3919



62.9406, 0.3216, 0.3891

Triad

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



62.9406, 0.3554, 0.3919



62.9406, 0.2468, 0.3008



62.9406, 0.3370, 0.2950

Complementary

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



62.9406, 0.3554, 0.3919



37.4731, 0.2658, 0.2572

Split Complementary

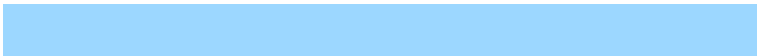
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.9406, 0.3006, 0.2768



62.9406, 0.3554, 0.3919



62.9406, 0.2503, 0.2786

Square

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



62.9406, 0.3554, 0.3919



62.9406, 0.2597, 0.3334



62.9406, 0.2693, 0.2706



62.9406, 0.3680, 0.3213

Rectangle

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



62.9406, 0.3554, 0.3919



62.9406, 0.2978, 0.3762



62.9406, 0.2693, 0.2706



62.9406, 0.3249, 0.2878

Sweetspot

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



62.9434, 0.3554, 0.3919



97.6488, 0.3248, 0.3471



40.8287, 0.3661, 0.3219



20.8097, 0.3271, 0.3505



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.



62.9434, 0.3554, 0.3919



91.2157, 0.3648, 0.4053



62.1501, 0.3354, 0.4016



14.3301, 0.3269, 0.3501



32.5062, 0.4350, 0.4928



2.0152, 0.4320, 0.4952

Inverse Universe

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



37.4731, 0.2658, 0.2572



47.7158, 0.2542, 0.2391



38.3355, 0.2846, 0.2544



12.1774, 0.2981, 0.3070



3.2647, 0.1517, 0.0660



0.2573, 0.1565, 0.0835

Previews

White Background



This preview shows how the Yxy color 62.9406, 0.3554, 0.3919 looks on a white background.

Color Contrast Check

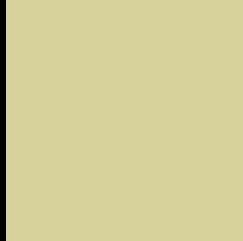
Large Text (above 18pt) WCAG AA × Fail

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 62.9406, 0.3554, 0.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

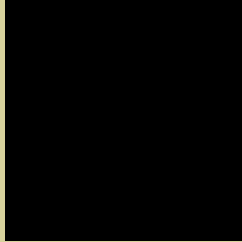
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

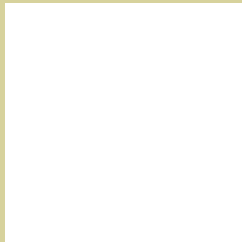
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9406, 0.3554, 0.3919

Background



This preview shows how black text looks on a background with the Yxy color 62.9406, 0.3554, 0.3919.



This preview shows how white text looks on a background with the Yxy color 62.9406, 0.3554, 0.3919.

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

62.9406, 0.3554, 0.3919

Protanopia

63.1663, 0.3632, 0.3895

Deuteranopia

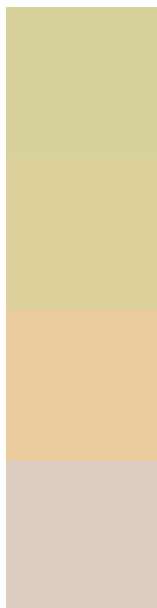
62.5486, 0.3815, 0.3734



Tritanopia

62.9910, 0.3174, 0.3114

Trichromacy



Original Color

62.9406, 0.3554, 0.3919

Protanomaly

63.1831, 0.3605, 0.3911

Deuteranomaly

62.4698, 0.3717, 0.3803

Tritanomaly

62.8184, 0.3316, 0.3404

Monochromacy



Original Color

62.9406, 0.3554, 0.3919

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7688, 0.3285, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9406, 0.3554, 0.3919 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(215, 210, 156)` looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 156)  
}
```

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(215, 210, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 156) }
```

Border

The CSS property to change the border of an element to Yxy 62.9406, 0.3554, 0.3919 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(215, 210, 156) }
```

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

```
.border{ border-color:rgb(215, 210, 156) }
```

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

Here you see how a box with a 4 pixel rgb(215, 210, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 156);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9406, 0.3554, 0.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 156) }
```

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

```
.background{ background-color: rgb(215,  
210, 156) }
```

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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