

Converting Colors

Yxy(62.8266, 0.3529, 0.3748)

Have a look what the booklet for
Yxy(62.8266, 0.3529, 0.3748)
contains.

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Color

Yxy(62.7878, 0.3530, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	DDCFA7
RGB	221, 207, 167
RGB Percent	87%, 81%, 65%
CMY	0.1331, 0.1883, 0.3450
CMYK	0.00, 0.06, 0.24, 0.13
HSL	44°, 44%, 76%
HSV	44°, 24%, 87%
XYZ	59.1200, 62.7878, 45.5710
YIQ	206.6260, 21.1840, -9.4720

Conversions

Conversions Part 2

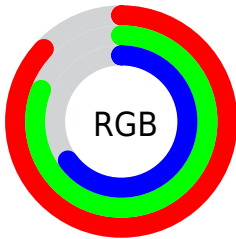
Format	Color
RYB	186, 221, 167
Decimal	14536615
CIELab	83.33, -1.34, 21.66
CIELCh	83, 21.698, 93.536
Yxy	62.7878, 0.3530, 0.3749
Android (android.graphics.Color)	4292726695 (0xFFDDCFA7)
YUV	206.6260, -19.5356, 12.6060
Hunter-Lab	79.2388, -5.4890, 21.3689

Details

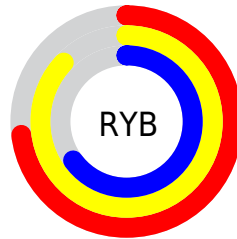
The Yxy color **62.7878, 0.3530, 0.3749** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5237, 0.2726, 0.2784**, and the grayscale version is **62.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **32.0196, 0.3622, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **59.3039, 0.3714, 0.3942**, and if you desaturate by 10%, it is **66.5187, 0.3356, 0.3557**.

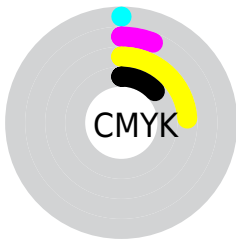
Distribution



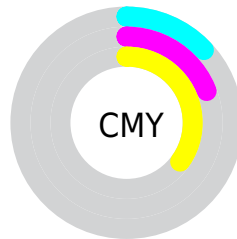
- Red (87%)
- Green (81%)
- Blue (65%)



- Red (73%)
- Yellow (87%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7878, 0.3530, 0.3749 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 62.7878, 0.3530, 0.3749 by changing the saturation by 10% instead.


 62.7878, 0.3530,
0.3749


 62.7878, 0.3530,
0.3749


434.7990, 0.3340,
0.3531

 45.6696, 0.3574,
0.3800


 108.8633, 0.3463,
0.3672

 31.9851, 0.3629,
0.3863


 138.5894, 0.3438,
0.3643

 21.3502, 0.3698,
0.3944

173.2868, 0.3416,
0.3618

 13.3802, 0.3790,
0.4050

213.3401, 0.3396,
0.3596

 7.6909, 0.3913,
0.4195

259.1335, 0.3380,
0.3577

 3.8978, 0.4086,
0.4402

311.0516, 0.3365,

 1.6165, 0.4654,

0.3560

0.5056

369.4786, 0.3352,
0.3545

0.3687, 0.4629,
0.5371

0.0000, 0.0000,
0.0000

62.7878, 0.3530,
0.3749

62.7878, 0.3530,
0.3749

59.3039, 0.3714,
0.3942

66.5187, 0.3356,
0.3557

56.0504, 0.3905,
0.4128

70.4959, 0.3194,
0.3370

53.0213, 0.4096,
0.4298

74.7293, 0.3047,
0.3193

50.2070, 0.4279,
0.4442

79.1974, 0.2916,
0.3031

47.5967, 0.4445,
0.4548

82.4537, 0.2918,
0.3092

45.1783, 0.4587,
0.4608

85.8166, 0.2919,
0.3152

42.9369, 0.4698,
0.4619

89.2873, 0.2921,
0.3211

41.7553, 0.4750,
0.4610

92.8667, 0.2923,
0.3269

94.1206, 0.2923,
0.3289

Harmonies

Analogous

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



62.7878, 0.3662, 0.3603



62.7878, 0.3530, 0.3749



62.7878, 0.3291, 0.3771

Triad

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



62.7878, 0.3530, 0.3749



62.7878, 0.2635, 0.3156



62.7878, 0.3222, 0.2968

Complementary

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



62.7878, 0.3530, 0.3749



46.5237, 0.2726, 0.2784

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.



62.7878, 0.2947, 0.2854



62.7878, 0.3530, 0.3749



62.7878, 0.2618, 0.2949

Square

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



62.7878, 0.3530, 0.3749



62.7878, 0.2778, 0.3415



62.7878, 0.2729, 0.2844



62.7878, 0.3482, 0.3159

Rectangle

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



62.7878, 0.3530, 0.3749



62.7878, 0.3107, 0.3704



62.7878, 0.2729, 0.2844



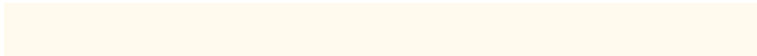
62.7878, 0.3128, 0.2919

Sweetspot

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



62.7906, 0.3530, 0.3749



95.9741, 0.3235, 0.3418



46.3789, 0.3503, 0.3122



20.4699, 0.3245, 0.3429



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.



62.7906, 0.3530, 0.3749



84.4444, 0.3617, 0.3842



68.0066, 0.3398, 0.3918



14.6602, 0.3273, 0.3462



24.4358, 0.4740, 0.4619



1.7198, 0.4631, 0.4705

Inverse Universe

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



46.5237, 0.2726, 0.2784



58.4981, 0.2639, 0.2669



42.5264, 0.2809, 0.2619



13.1656, 0.2981, 0.3112



4.9202, 0.1588, 0.0917



0.4582, 0.1676, 0.1235

Previews

White Background



This preview shows how the Yxy color 62.7878, 0.3530, 0.3749 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 62.7878, 0.3530, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

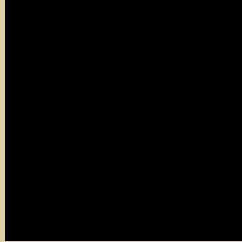
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

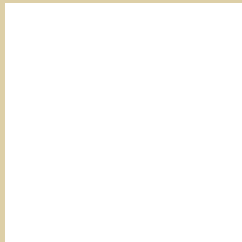
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7878, 0.3530, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 62.7878, 0.3530, 0.3749.

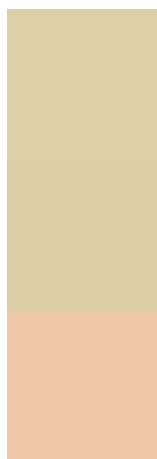


This preview shows how white text looks on a background with the Yxy color 62.7878, 0.3530, 0.3749.

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

62.7878, 0.3530, 0.3749

Protanopia

62.6313, 0.3521, 0.3751

Deuteranopia

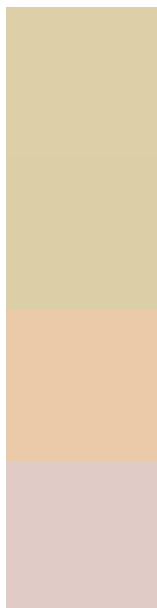
62.4122, 0.3702, 0.3618



Tritanopia

62.5973, 0.3221, 0.3115

Trichromacy



Original Color

62.7878, 0.3530, 0.3749

Protanomaly

62.6313, 0.3521, 0.3751

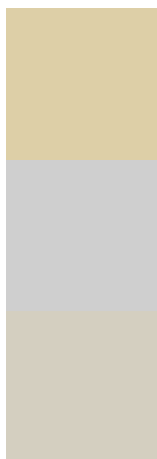
Deuteranomaly

62.5606, 0.3643, 0.3669

Tritanomaly

62.7966, 0.3336, 0.3347

Monochromacy



Original Color

62.7878, 0.3530, 0.3749

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4285, 0.3273, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7878, 0.3530, 0.3749 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(221, 207, 167)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 167)  
}
```

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(221, 207, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 167) }
```

Border

The CSS property to change the border of an element to Yxy 62.7878, 0.3530, 0.3749 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(221, 207, 167) }
```

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

```
.border{ border-color:rgb(221, 207, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 167);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7878, 0.3530, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 167) }
```

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

```
.background{ background-color: rgb(221,  
207, 167) }
```

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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