

Converting Colors

Yxy(62.5582, 0.3326, 0.3619)

Have a look what the booklet for
Yxy(62.5582, 0.3326, 0.3619)
contains.

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Color

Yxy(62.4924, 0.3326, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	D1D1B5
RGB	209, 209, 181
RGB Percent	82%, 82%, 71%
CMY	0.1804, 0.1804, 0.2902
CMYK	0.00, 0.00, 0.13, 0.18
HSL	60°, 23%, 76%
HSV	60°, 13%, 82%
XYZ	57.4329, 62.4924, 52.7533
YIQ	205.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

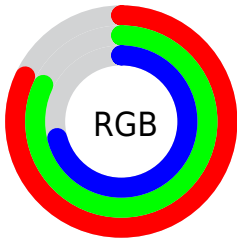
Format	Color
RYB	181, 209, 181
Decimal	13750709
CIELab	83.17, -4.77, 13.91
CIELCh	83, 14.702, 108.911
Yxy	62.4924, 0.3326, 0.3619
Android (android.graphics.Color)	4291940789 (0xFFD1D1B5)
YUV	205.8080, -12.2303, 2.7994
Hunter-Lab	79.0521, -8.6575, 15.7709

Details

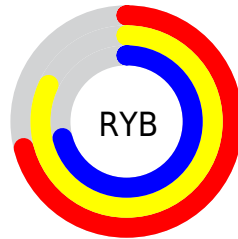
The Yxy color **62.4924, 0.3326, 0.3619** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.4809, 0.2915, 0.2938**, and the grayscale version is **61.6682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **31.8712, 0.3371, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **61.6981, 0.3478, 0.3870**, and if you desaturate by 10%, it is **63.4209, 0.3177, 0.3372**.

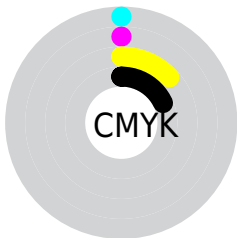
Distribution



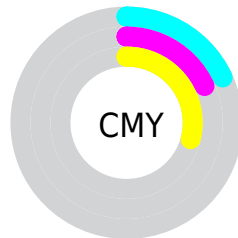
- Red (82%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4924, 0.3326, 0.3619 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 62.4924, 0.3326, 0.3619 by changing the saturation by 10% instead.

■ 62.4924, 0.3326,
0.3619

■ 62.4924, 0.3326,
0.3619

433.7249, 0.3232,
0.3461

■ 45.4307, 0.3348,
0.3657

■ 108.4369, 0.3293,
0.3563

■ 31.7968, 0.3375,
0.3704

138.0884, 0.3280,
0.3542

■ 21.2063, 0.3409,
0.3765

172.7054, 0.3270,
0.3523

■ 13.2749, 0.3455,
0.3847

212.6721, 0.3260,
0.3507

■ 7.6181, 0.3518,
0.3962

258.3730, 0.3252,
0.3494

■ 3.8516, 0.3608,
0.4137

310.1926, 0.3245,

■ 1.5909, 0.3790,

0.3481

0.4477

368.5151, 0.3238,
0.3471

0.3514, 0.3825,
0.6175

0.0000, 0.0000,
0.0000

62.4924, 0.3326,
0.3619

62.4924, 0.3326,
0.3619

61.6981, 0.3478,
0.3870

63.4209, 0.3177,
0.3372

61.0241, 0.3627,
0.4117

64.4807, 0.3033,
0.3135

60.4669, 0.3768,
0.4351

65.6797, 0.2898,
0.2911


60.0199, 0.3896,
0.4562


66.3881, 0.2829,
0.2796


 59.6758, 0.4004,
0.4741


 66.3904, 0.2829,
0.2796

 59.4263, 0.4088,
0.4882

 66.3928, 0.2829,
0.2796


 59.2619, 0.4147,
0.4979

 66.3951, 0.2829,
0.2796

 59.1711, 0.4180,
0.5034

 66.3975, 0.2829,
0.2796

 59.1384, 0.4192,
0.5054

 66.3998, 0.2829,
0.2796

Harmonies

Analogous

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



62.4924, 0.3456, 0.3565



62.4924, 0.3326, 0.3619



62.4924, 0.3145, 0.3580

Triad

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



62.4924, 0.3326, 0.3619



62.4924, 0.2772, 0.3123



62.4924, 0.3288, 0.3131

Complementary

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



62.4924, 0.3326, 0.3619



47.4809, 0.2915, 0.2938

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.



62.4924, 0.3100, 0.3021



62.4924, 0.3326, 0.3619



62.4924, 0.2806, 0.3012

Square

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



62.4924, 0.3326, 0.3619



62.4924, 0.2828, 0.3286



62.4924, 0.2925, 0.2977



62.4924, 0.3434, 0.3282

Rectangle

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



62.4924, 0.3326, 0.3619



62.4924, 0.3021, 0.3505



62.4924, 0.2925, 0.2977



62.4924, 0.3227, 0.3088

Sweetspot

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



62.4951, 0.3326, 0.3619



99.3589, 0.3186, 0.3388



49.9430, 0.3371, 0.3291



21.2419, 0.3197, 0.3406



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.



62.4951, 0.3326, 0.3619



97.6393, 0.3368, 0.3689



60.5447, 0.3217, 0.3630



13.7972, 0.3266, 0.3520



36.4597, 0.4192, 0.5054



2.0388, 0.4192, 0.5053

Inverse Universe

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



47.4809, 0.2915, 0.2938



69.7454, 0.2866, 0.2858



49.2569, 0.3027, 0.2950



11.4181, 0.2982, 0.3050



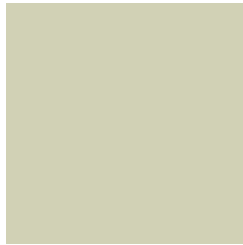
2.8392, 0.1500, 0.0600



0.1589, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 62.4924, 0.3326, 0.3619 looks on a white background.

Color Contrast Check

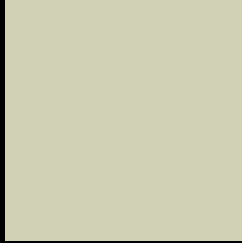
Large Text (above 18pt) WCAG AA × Fail

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 62.4924, 0.3326, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

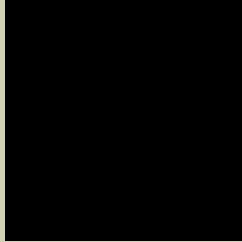
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

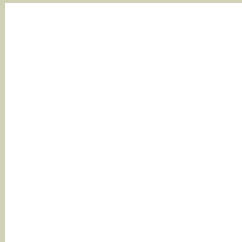
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4924, 0.3326, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 62.4924, 0.3326, 0.3619.



This preview shows how white text looks on a background with the Yxy color 62.4924, 0.3326, 0.3619.

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

62.4924, 0.3326, 0.3619

Protanopia

62.6726, 0.3400, 0.3602

Deuteranopia

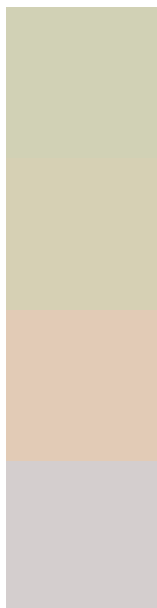
62.5603, 0.3547, 0.3478



Tritanopia

62.6492, 0.3090, 0.3110

Trichromacy



Original Color

62.4924, 0.3326, 0.3619

Protanomaly

62.7032, 0.3375, 0.3616

Deuteranomaly

62.2580, 0.3466, 0.3528

Tritanomaly

62.5959, 0.3173, 0.3290

Monochromacy



Original Color

62.4924, 0.3326, 0.3619

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9223, 0.3198, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4924, 0.3326, 0.3619 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(209, 209, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 181)  
}
```

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(209, 209, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 181) }
```

Border

The CSS property to change the border of an element to Yxy 62.4924, 0.3326, 0.3619 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(209, 209, 181) }
```

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

```
.border{ border-color:rgb(209, 209, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4924, 0.3326, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 181) }
```

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

```
.background{ background-color: rgb(209,  
209, 181) }
```

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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