

Converting Colors

Yxy(63.5129, 0.3307, 0.3521)

Have a look what the booklet for
Yxy(63.5129, 0.3307, 0.3521)
contains.

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Color

Yxy(63.5712, 0.3307, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	D6D1BD
RGB	214, 209, 189
RGB Percent	84%, 82%, 74%
CMY	0.1610, 0.1803, 0.2588
CMYK	0.00, 0.02, 0.12, 0.16
HSL	48°, 23%, 79%
HSV	48°, 12%, 84%
XYZ	59.7075, 63.5712, 57.2701
YIQ	208.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

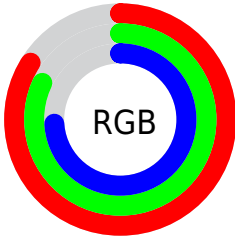
Format	Color
RYB	195, 214, 189
Decimal	14078397
CIELab	83.74, -1.70, 10.53
CIELCh	84, 10.663, 99.189
Yxy	63.5712, 0.3307, 0.3521
Android (android.graphics.Color)	4292268477 (0xFFD6D1BD)
YUV	208.2150, -9.4730, 5.0734
Hunter-Lab	79.7315, -5.8594, 13.2249

Details

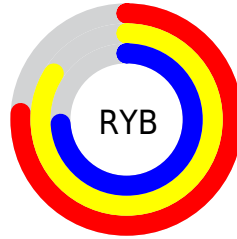
The Yxy color **63.5712, 0.3307, 0.3521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2291, 0.2945, 0.3048**, and the grayscale version is **63.2792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **32.5912, 0.3346, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **60.6630, 0.3473, 0.3727**, and if you desaturate by 10%, it is **66.6772, 0.3152, 0.3322**.

Distribution



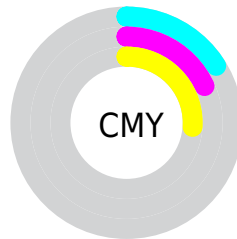
- Red (84%)
- Green (82%)
- Blue (74%)



- Red (76%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5712, 0.3307, 0.3521 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 63.5712, 0.3307, 0.3521 by changing the saturation by 10% instead.

 63.5712, 0.3307,
0.3521

 63.5712, 0.3307,
0.3521


437.6395, 0.3222,
0.3411

 46.3035, 0.3327,
0.3547

 109.9932, 0.3277,
0.3482

 32.4854, 0.3352,
0.3579


139.9162, 0.3266,
0.3467

 21.7325, 0.3384,
0.3621


174.8264, 0.3256,
0.3455

 13.6605, 0.3426,
0.3677

215.1082, 0.3247,
0.3444

 7.8849, 0.3485,
0.3755

261.1461, 0.3240,
0.3434

 4.0214, 0.3572,
0.3872

313.3243, 0.3233,

 1.6855, 0.3713,

0.3425

0.4066

372.0273, 0.3227,
0.3418

0.4143, 0.4595,
0.5405

0.0000, 0.0000,
0.0000

63.5712, 0.3307,
0.3521

63.5712, 0.3307,
0.3521

60.6630, 0.3473,
0.3727

66.6772, 0.3152,
0.3322

57.9379, 0.3647,
0.3934

69.9787, 0.3009,
0.3133

55.3917, 0.3824,
0.4135

73.4841, 0.2878,
0.2957

53.0171, 0.3999,
0.4322

75.8724, 0.2869,
0.2984

■ 50.8061, 0.4165,
0.4484

■ 78.2016, 0.2871,
0.3030

■ 48.7495, 0.4314,
0.4611

■ 80.5880, 0.2873,
0.3075

■ 46.8373, 0.4439,
0.4694

■ 83.0319, 0.2875,
0.3120

■ 45.0572, 0.4535,
0.4731

■ 85.5339, 0.2877,
0.3164

■ 43.6565, 0.4596,
0.4732

■ 88.0942, 0.2879,
0.3208

Harmonies

Analogous

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



63.5712, 0.3381, 0.3465



63.5712, 0.3307, 0.3521



63.5712, 0.3185, 0.3514

Triad

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



63.5712, 0.3307, 0.3521



63.5712, 0.2875, 0.3207



63.5712, 0.3201, 0.3144

Complementary

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



63.5712, 0.3307, 0.3521



54.2291, 0.2945, 0.3048

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.



63.5712, 0.3065, 0.3078



63.5712, 0.3307, 0.3521



63.5712, 0.2879, 0.3111

Square

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



63.5712, 0.3307, 0.3521



63.5712, 0.2937, 0.3329



63.5712, 0.2948, 0.3065



63.5712, 0.3319, 0.3248

Rectangle

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



63.5712, 0.3307, 0.3521



63.5712, 0.3094, 0.3473



63.5712, 0.2948, 0.3065



63.5712, 0.3156, 0.3117

Sweetspot

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



63.5740, 0.3307, 0.3521



98.5555, 0.3172, 0.3349



54.5817, 0.3296, 0.3232



21.0133, 0.3185, 0.3365



0.0000, 0.0000, 0.0000



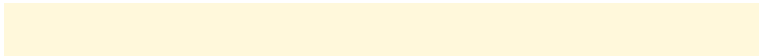
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.5740, 0.3307, 0.3521



93.4877, 0.3347, 0.3572



64.9331, 0.3243, 0.3581



14.0832, 0.3271, 0.3476



26.5492, 0.4589, 0.4738



1.7101, 0.4508, 0.4802

Inverse Universe

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



54.2291, 0.2945, 0.3048



76.9158, 0.2904, 0.2992



53.0520, 0.3002, 0.2992



12.4024, 0.2982, 0.3097



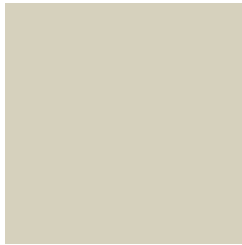
4.0667, 0.1556, 0.0801



0.3631, 0.1643, 0.1114

Previews

White Background



This preview shows how the Yxy color 63.5712, 0.3307, 0.3521 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 63.5712, 0.3307, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

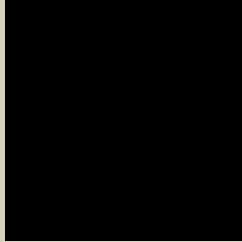
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

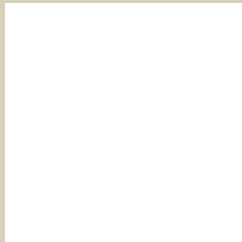
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5712, 0.3307, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 63.5712, 0.3307, 0.3521.

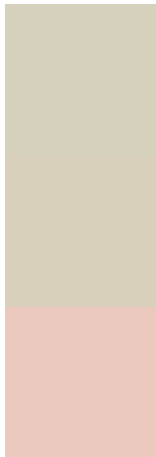


This preview shows how white text looks on a background with the Yxy color 63.5712, 0.3307, 0.3521.

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

63.5712, 0.3307, 0.3521

Protanopia

63.4943, 0.3340, 0.3520

Deuteranopia

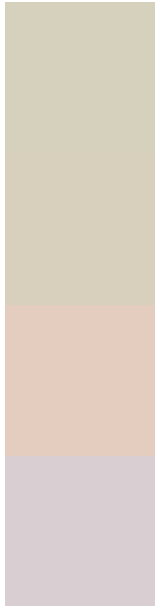
63.3677, 0.3482, 0.3400



Tritanopia

63.3116, 0.3113, 0.3101

Trichromacy



Original Color

63.5712, 0.3307, 0.3521

Protanomaly

63.3415, 0.3332, 0.3520

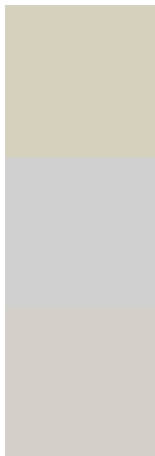
Deuteranomaly

63.3974, 0.3419, 0.3447

Tritanomaly

63.4978, 0.3190, 0.3256

Monochromacy



Original Color

63.5712, 0.3307, 0.3521

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0304, 0.3192, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5712, 0.3307, 0.3521 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 189) }
```

Border

The CSS property to change the border of an element to Yxy 63.5712, 0.3307, 0.3521 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, 189) }
```

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

```
.border{ border-color:rgb(214, 209, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 209, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 209, 189); box-shadow:4px 4px 4px 4px rgb(214, 209, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5712, 0.3307, 0.3521 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, 189) }
```

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

```
.background{ background-color: rgb(214,  
209, 189) }
```

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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