

Converting Colors

$Yxy(62.5553, 0.3356, 0.3658)$

Have a look what the booklet for
Yxy(62.5553, 0.3356, 0.3658)
contains.

Yxy(62.5169, 0.3356, 0.3654)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.5169, 0.3356, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1B2
RGB	210, 209, 178
RGB Percent	82%, 82%, 70%
CMY	0.1764, 0.1804, 0.3020
CMYK	0.00, 0.00, 0.15, 0.18
HSL	58°, 26%, 76%
HSV	58°, 15%, 82%
XYZ	57.4184, 62.5169, 51.1564
YIQ	205.7650, 10.5470, -9.4290

Conversions

Conversions Part 2

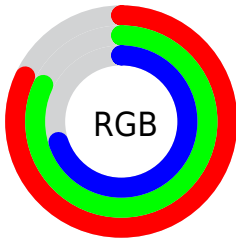
Format	Color
RYB	179, 210, 178
Decimal	13816242
CIELab	83.19, -4.86, 15.53
CIELCh	83, 16.274, 107.363
Yxy	62.5169, 0.3356, 0.3654
Android (android.graphics.Color)	4292006322 (0xFFD2D1B2)
YUV	205.7650, -13.6881, 3.7141
Hunter-Lab	79.0676, -8.7429, 16.9870

Details

The Yxy color **62.5169, 0.3356, 0.3654** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.3650, 0.2883, 0.2898**, and the grayscale version is **61.6504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **31.8919, 0.3410, 0.3758** is the 20% darker color. If you saturate the color by 10%, you get **61.4117, 0.3510, 0.3898**, and if you desaturate by 10%, it is **63.7582, 0.3204, 0.3413**.

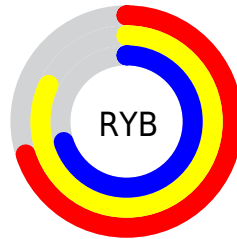
Distribution



Red (82%)

Green (82%)

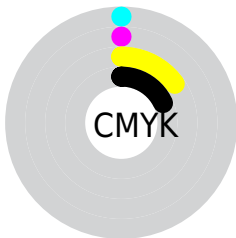
Blue (70%)



Red (70%)

Yellow (82%)

Blue (70%)

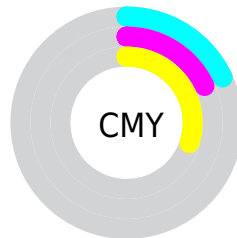


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5169, 0.3356, 0.3654 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 62.5169, 0.3356, 0.3654 by changing the saturation by 10% instead.

■ 62.5169, 0.3356,
0.3654

■ 62.5169, 0.3356,
0.3654

433.8141, 0.3248,
0.3479

■ 45.4505, 0.3381,
0.3696

■ 108.4722, 0.3318,
0.3592

■ 31.8124, 0.3412,
0.3748

138.1300, 0.3304,
0.3568

■ 21.2183, 0.3452,
0.3815

172.7536, 0.3291,
0.3548

■ 13.2836, 0.3504,
0.3905

212.7275, 0.3280,
0.3531

■ 7.6241, 0.3575,
0.4032

258.4362, 0.3271,
0.3515

■ 3.8554, 0.3677,
0.4223

310.2639, 0.3262,

■ 1.5930, 0.3909,

0.3502

0.4628

368.5950, 0.3255,
0.3490

0.3529, 0.3806,
0.6194

0.0000, 0.0000,
0.0000

62.5169, 0.3356,
0.3654

62.5169, 0.3356,
0.3654

61.4117, 0.3510,
0.3898

63.7582, 0.3204,
0.3413

60.4284, 0.3663,
0.4137

65.1327, 0.3059,
0.3181

59.5635, 0.3808,
0.4363

66.6485, 0.2922,
0.2962

58.8101, 0.3940,
0.4565

67.8510, 0.2837,
0.2826

■ 58.1606, 0.4052,
0.4735

■ 68.1858, 0.2837,
0.2834

■ 57.6065, 0.4140,
0.4865

■ 68.5220, 0.2837,
0.2841

■ 57.1379, 0.4203,
0.4951

■ 68.8596, 0.2838,
0.2848

■ 56.7427, 0.4239,
0.4995

■ 69.1986, 0.2838,
0.2856

■ 56.5701, 0.4250,
0.5007

■ 69.5390, 0.2839,
0.2863

Harmonies

Analogous

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



62.5169, 0.3496, 0.3588



62.5169, 0.3356, 0.3654



62.5169, 0.3157, 0.3617

Triad

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



62.5169, 0.3356, 0.3654



62.5169, 0.2735, 0.3113



62.5169, 0.3294, 0.3107

Complementary

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



62.5169, 0.3356, 0.3654



46.3650, 0.2883, 0.2898

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.



62.5169, 0.3086, 0.2989



62.5169, 0.3356, 0.3654



62.5169, 0.2769, 0.2987

Square

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



62.5169, 0.3356, 0.3654



62.5169, 0.2803, 0.3295



62.5169, 0.2895, 0.2944



62.5169, 0.3461, 0.3272

Rectangle

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



62.5169, 0.3356, 0.3654



62.5169, 0.3020, 0.3537



62.5169, 0.2895, 0.2944



62.5169, 0.3227, 0.3061

Sweetspot

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



62.5197, 0.3356, 0.3654



98.9467, 0.3202, 0.3409



48.8005, 0.3402, 0.3278



21.1479, 0.3212, 0.3425



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.



62.5197, 0.3356, 0.3654



96.4582, 0.3401, 0.3726



60.9298, 0.3238, 0.3679



13.7302, 0.3267, 0.3513



34.5287, 0.4249, 0.5008



1.9514, 0.4238, 0.5017

Inverse Universe

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



46.3650, 0.2883, 0.2898



67.1618, 0.2830, 0.2813



47.8224, 0.3003, 0.2899



11.4772, 0.2982, 0.3057



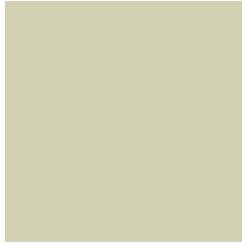
2.9548, 0.1506, 0.0622



0.1869, 0.1526, 0.0694

Previews

White Background



This preview shows how the Yxy color 62.5169, 0.3356, 0.3654 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 62.5169, 0.3356, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

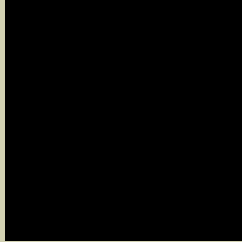
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

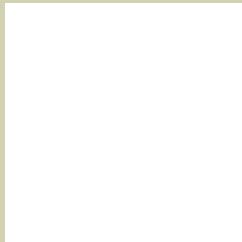
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5169, 0.3356, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 62.5169, 0.3356, 0.3654.



This preview shows how white text looks on a background with the Yxy color 62.5169, 0.3356, 0.3654.

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

62.5169, 0.3356, 0.3654

Protanopia

62.7054, 0.3431, 0.3636

Deuteranopia

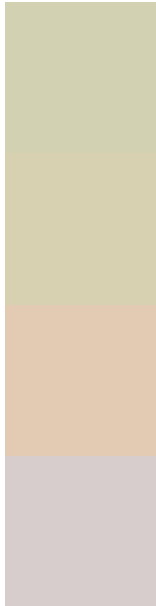
62.1467, 0.3581, 0.3500



Tritanopia

62.4253, 0.3113, 0.3111

Trichromacy



Original Color

62.5169, 0.3356, 0.3654

Protanomaly

62.7331, 0.3405, 0.3650

Deuteranomaly

62.2974, 0.3497, 0.3562

Tritanomaly

62.3184, 0.3203, 0.3302

Monochromacy



Original Color

62.5169, 0.3356, 0.3654

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8766, 0.3205, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5169, 0.3356, 0.3654 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(210, 209, 178)` looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 178)  
}
```

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(210, 209, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 178) }
```

Border

The CSS property to change the border of an element to Yxy 62.5169, 0.3356, 0.3654 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(210, 209, 178) }
```

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

```
.border{ border-color:rgb(210, 209, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 178);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5169, 0.3356, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 178) }
```

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

```
.background{ background-color: rgb(210,  
209, 178) }
```

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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