

Converting Colors

Yxy(61.4250, 0.3197, 0.3523)

Have a look what the booklet for
Yxy(61.4250, 0.3197, 0.3523)
contains.

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Color

Yxy(61.5544, 0.3199, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	C8D1BD
RGB	200, 209, 189
RGB Percent	78%, 82%, 74%
CMY	0.2158, 0.1803, 0.2589
CMYK	0.04, 0.00, 0.10, 0.18
HSL	87°, 18%, 78%
HSV	87°, 10%, 82%
XYZ	55.7984, 61.5544, 57.0717
YIQ	204.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

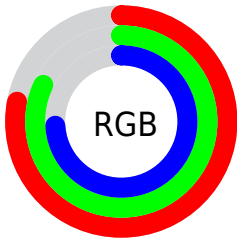
Format	Color
RYB	189, 209, 198
Decimal	13160893
CIELab	82.68, -6.66, 8.87
CIELCh	83, 11.098, 126.905
Yxy	61.5544, 0.3199, 0.3529
Android (android.graphics.Color)	4291350973 (0xFFC8D1BD)
YUV	204.0290, -7.4093, -3.5334
Hunter-Lab	78.4566, -10.3498, 11.7903

Details

The Yxy color **61.5544, 0.3199, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9984, 0.3050, 0.3050**, and the grayscale version is **60.4485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **31.3313, 0.3213, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **59.4557, 0.3273, 0.3797**, and if you desaturate by 10%, it is **63.8693, 0.3124, 0.3280**.

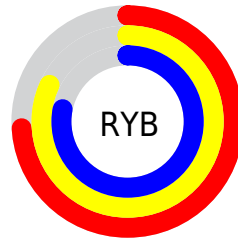
Distribution



Red (78%)

Green (82%)

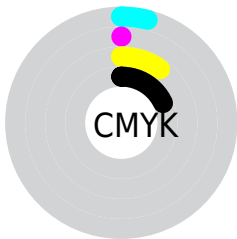
Blue (74%)



Red (74%)

Yellow (82%)

Blue (78%)

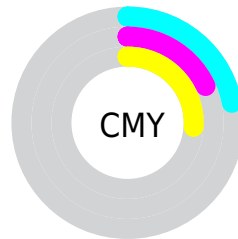


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5544, 0.3199, 0.3529 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 61.5544, 0.3199, 0.3529 by changing the saturation by 10% instead.

■ 61.5544, 0.3199,
0.3529

■ 61.5544, 0.3199,
0.3529

430.3038, 0.3165,
0.3414

■ 44.6727, 0.3207,
0.3557

■ 107.0813, 0.3187,
0.3488

■ 31.1997, 0.3216,
0.3592

136.4952, 0.3183,
0.3472

■ 20.7510, 0.3228,
0.3637

170.8555, 0.3179,
0.3459

■ 12.9421, 0.3244,
0.3698

210.5463, 0.3175,
0.3447

■ 7.3887, 0.3266,
0.3786

255.9522, 0.3173,
0.3437

■ 3.7064, 0.3297,
0.3921


307.4574, 0.3170,


■ 1.5107, 0.3346,

0.3428

0.4157


365.4465, 0.3168,
0.3421

 0.2962, 0.2864,
0.7136


 0.0000, 0.0000,
0.0000


 61.5544, 0.3199,
0.3529


 61.5544, 0.3199,
0.3529


 59.4557, 0.3273,
0.3797

 63.8693, 0.3124,
0.3280


 57.5581, 0.3345,
0.4081


 66.3991, 0.3051,
0.3053

 55.8570, 0.3409,
0.4374


 69.1527, 0.2981,
0.2847

 54.3444, 0.3462,
0.4665


 70.9511, 0.3025,
0.2824


 53.0115, 0.3498,
0.4941


 72.6232, 0.3092,
0.2833

 51.8491, 0.3515,
0.5190

 74.0877, 0.3148,
0.2841

 50.8463, 0.3509,
0.5396

 49.9910, 0.3479,
0.5550

 49.2628, 0.3432,
0.5655

Harmonies

Analogous

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



61.5544, 0.3324, 0.3531



61.5544, 0.3199, 0.3529



61.5544, 0.3057, 0.3459

Triad

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



61.5544, 0.3199, 0.3529



61.5544, 0.2863, 0.3107



61.5544, 0.3322, 0.3237

Complementary

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



61.5544, 0.3199, 0.3529



52.9984, 0.3050, 0.3050

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.



61.5544, 0.3194, 0.3130



61.5544, 0.3199, 0.3529



61.5544, 0.2931, 0.3055

Square

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



61.5544, 0.3199, 0.3529



61.5544, 0.2865, 0.3211



61.5544, 0.3051, 0.3064



61.5544, 0.3397, 0.3359

Rectangle

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



61.5544, 0.3199, 0.3529



61.5544, 0.2971, 0.3384



61.5544, 0.3051, 0.3064



61.5544, 0.3283, 0.3198

Sweetspot

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



61.5571, 0.3199, 0.3529



98.8684, 0.3150, 0.3364



57.6163, 0.3282, 0.3397



21.0983, 0.3156, 0.3384



0.0000, 0.0000, 0.0000



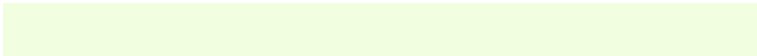
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5571, 0.3199, 0.3529



95.6590, 0.3218, 0.3596



60.2256, 0.3123, 0.3534



13.5214, 0.3198, 0.3524



30.4113, 0.3440, 0.5651



1.7472, 0.3573, 0.5545

Inverse Universe

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



52.9984, 0.3050, 0.3050



78.9589, 0.3027, 0.2983



54.4020, 0.3130, 0.3056



11.6750, 0.3051, 0.3055



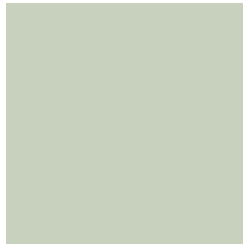
4.3714, 0.1938, 0.0842



0.2912, 0.2146, 0.0956

Previews

White Background



This preview shows how the Yxy color 61.5544, 0.3199, 0.3529 looks on a white background.

Color Contrast Check

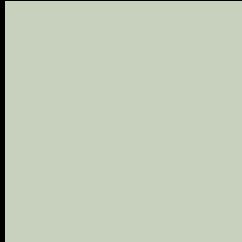
Large Text (above 18pt) WCAG AA × Fail

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 61.5544, 0.3199, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

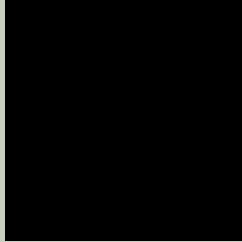
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

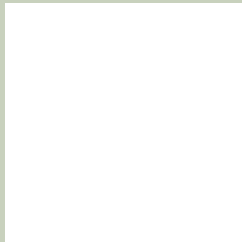
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5544, 0.3199, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 61.5544, 0.3199, 0.3529.



This preview shows how white text looks on a background with the Yxy color 61.5544, 0.3199, 0.3529.

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

61.5544, 0.3199, 0.3529

Protanopia

61.5466, 0.3328, 0.3499

Deuteranopia

61.1387, 0.3447, 0.3369



Tritanopia

61.3853, 0.3017, 0.3095

Trichromacy



Original Color

61.5544, 0.3199, 0.3529

Protanomaly

61.3288, 0.3279, 0.3501

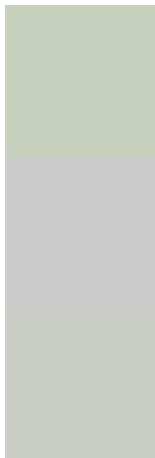
Deuteranomaly

61.1744, 0.3358, 0.3428

Tritanomaly

61.4426, 0.3084, 0.3255

Monochromacy



Original Color

61.5544, 0.3199, 0.3529

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9626, 0.3154, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5544, 0.3199, 0.3529 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(200, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 189) }
```

Border

The CSS property to change the border of an element to Yxy 61.5544, 0.3199, 0.3529 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(200, 209, 189) }
```

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

```
.border{ border-color:rgb(200, 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(200, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 209,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5544, 0.3199, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 209, 189) }
```

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

```
.background{ background-color: rgb(200,  
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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