

Converting Colors

Yxy(62.2890, 0.3147, 0.3439)

Have a look what the booklet for
Yxy(62.2890, 0.3147, 0.3439)
contains.

Yxy(62.5419, 0.3150, 0.3443)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.5419, 0.3150, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	C9D2C5
RGB	201, 210, 197
RGB Percent	79%, 82%, 77%
CMY	0.2116, 0.1765, 0.2274
CMYK	0.04, 0.00, 0.06, 0.18
HSL	101°, 13%, 80%
HSV	101°, 6%, 82%
XYZ	57.2196, 62.5419, 61.8880
YIQ	205.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

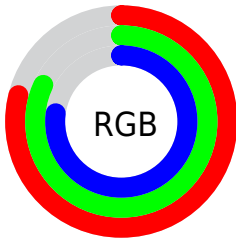
Format	Color
RYB	197, 210, 206
Decimal	13226693
CIELab	83.20, -5.40, 5.37
CIELCh	83, 7.614, 135.195
Yxy	62.5419, 0.3150, 0.3443
Android (android.graphics.Color)	4291416773 (0xFFC9D2C5)
YUV	205.8270, -4.3517, -4.2333
Hunter-Lab	79.0834, -9.2452, 8.9601

Details

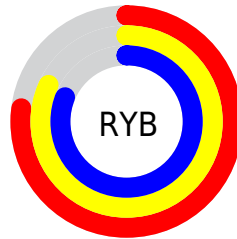
The Yxy color **62.5419, 0.3150, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7113, 0.3103, 0.3139**, and the grayscale version is **61.6388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **31.9631, 0.3157, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **59.7317, 0.3186, 0.3712**, and if you desaturate by 10%, it is **65.6813, 0.3113, 0.3201**.

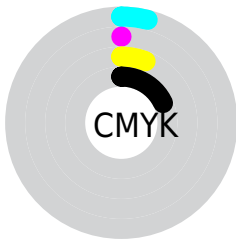
Distribution



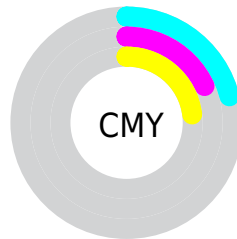
- Red (79%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (82%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5419, 0.3150, 0.3443 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 62.5419, 0.3150, 0.3443 by changing the saturation by 10% instead.

■ 62.5419, 0.3150,
0.3443

■ 62.5419, 0.3150,
0.3443

433.9050, 0.3140,
0.3370

■ 45.4707, 0.3152,
0.3460

108.5083, 0.3146,
0.3417

■ 31.8284, 0.3155,
0.3482

138.1724, 0.3145,
0.3407

■ 21.2304, 0.3159,
0.3511

172.8028, 0.3144,
0.3399

■ 13.2925, 0.3164,
0.3549

212.7841, 0.3143,
0.3391

■ 7.6303, 0.3170,
0.3604

258.5005, 0.3142,
0.3385

■ 3.8593, 0.3179,
0.3688

310.3366, 0.3141,

■ 1.5952, 0.3193,

0.3379

0.3832

368.6766, 0.3140,
0.3374

0.3543, 0.3595,
0.6217

0.0000, 0.0000,
0.0000

62.5419, 0.3150,
0.3443

62.5419, 0.3150,
0.3443

59.7317, 0.3186,
0.3712

65.6813, 0.3113,
0.3201

57.2319, 0.3219,
0.4006

69.1522, 0.3076,
0.2985

55.0339, 0.3246,
0.4320

72.6396, 0.3073,
0.2841

53.1255, 0.3266,
0.4644

74.5706, 0.3148,
0.2851

■ 51.4939, 0.3274,
0.4964

■ 50.1250, 0.3268,
0.5262

■ 49.0035, 0.3246,
0.5519

■ 48.1119, 0.3210,
0.5717

■ 47.4299, 0.3163,
0.5847

Harmonies

Analogous

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



62.5419, 0.3241, 0.3458



62.5419, 0.3150, 0.3443



62.5419, 0.3054, 0.3385

Triad

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



62.5419, 0.3150, 0.3443



62.5419, 0.2955, 0.3151



62.5419, 0.3278, 0.3277

Complementary

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



62.5419, 0.3150, 0.3443



57.7113, 0.3103, 0.3139

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.



62.5419, 0.3199, 0.3198



62.5419, 0.3150, 0.3443



62.5419, 0.3013, 0.3126

Square

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



62.5419, 0.3150, 0.3443



62.5419, 0.2942, 0.3215



62.5419, 0.3102, 0.3143



62.5419, 0.3316, 0.3361

Rectangle

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



62.5419, 0.3150, 0.3443



62.5419, 0.3000, 0.3330



62.5419, 0.3102, 0.3143



62.5419, 0.3256, 0.3249

Sweetspot

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



62.5446, 0.3150, 0.3443



99.0140, 0.3135, 0.3339



61.8200, 0.3222, 0.3393



21.2034, 0.3134, 0.3336



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.



62.5446, 0.3150, 0.3443



96.6399, 0.3153, 0.3466



62.1050, 0.3104, 0.3416



13.4996, 0.3155, 0.3478



28.8484, 0.3154, 0.5878



1.6548, 0.3297, 0.5764

Inverse Universe

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



57.7113, 0.3103, 0.3139



88.1026, 0.3099, 0.3116



58.1758, 0.3152, 0.3167



12.2330, 0.3097, 0.3105



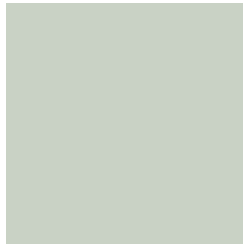
6.5662, 0.2445, 0.1121



0.4080, 0.2589, 0.1200

Previews

White Background



This preview shows how the Yxy color 62.5419, 0.3150, 0.3443 looks on a white background.

Color Contrast Check

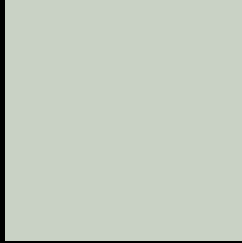
Large Text (above 18pt) WCAG AA × Fail

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 62.5419, 0.3150, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

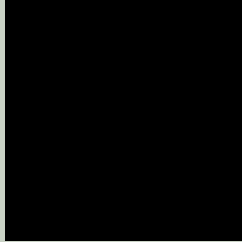
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

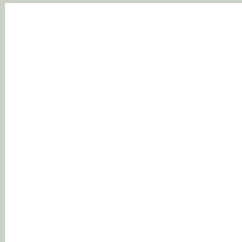
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5419, 0.3150, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 62.5419, 0.3150, 0.3443.



This preview shows how white text looks on a background with the Yxy color 62.5419, 0.3150, 0.3443.

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

62.5419, 0.3150, 0.3443

Protanopia

62.3789, 0.3268, 0.3417

Deuteranopia

62.2551, 0.3373, 0.3302



Tritanopia

62.4495, 0.3003, 0.3096

Trichromacy



Original Color

62.5419, 0.3150, 0.3443

Protanomaly

62.1665, 0.3220, 0.3418

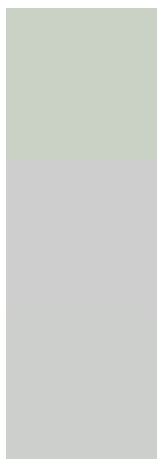
Deuteranomaly

62.3230, 0.3287, 0.3359

Tritanomaly

62.3181, 0.3056, 0.3209

Monochromacy



Original Color

62.5419, 0.3150, 0.3443

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7748, 0.3133, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5419, 0.3150, 0.3443 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(201, 210, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 197)  
}
```

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(201, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.5419, 0.3150, 0.3443 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(201, 210, 197) }
```

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

```
.border{ border-color:rgb(201, 210, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 210, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5419, 0.3150, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 197) }
```

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

```
.background{ background-color: rgb(201,  
210, 197) }
```

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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