

Converting Colors

$Yxy(62.9754, 0.3208, 0.3475)$

Have a look what the booklet for
Yxy(62.9754, 0.3208, 0.3475)
contains.

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Color

Yxy(63.1100, 0.3209, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	CED2C2
RGB	206, 210, 194
RGB Percent	81%, 82%, 76%
CMY	0.1920, 0.1765, 0.2392
CMYK	0.02, 0.00, 0.08, 0.18
HSL	75°, 15%, 79%
HSV	75°, 8%, 82%
XYZ	58.2456, 63.1100, 60.1514
YIQ	206.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

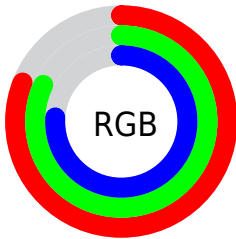
Format	Color
RYB	194, 210, 198
Decimal	13554370
CIELab	83.50, -4.18, 7.45
CIELCh	84, 8.541, 119.334
Yxy	63.1100, 0.3209, 0.3477
Android (android.graphics.Color)	4291744450 (0xFFCED2C2)
YUV	206.9800, -6.3991, -0.8595
Hunter-Lab	79.4418, -8.1495, 10.7163

Details

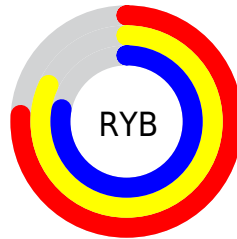
The Yxy color **63.1100, 0.3209, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2380, 0.3041, 0.3100**, and the grayscale version is **62.4288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **32.3458, 0.3235, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **61.5034, 0.3318, 0.3735**, and if you desaturate by 10%, it is **64.8800, 0.3102, 0.3233**.

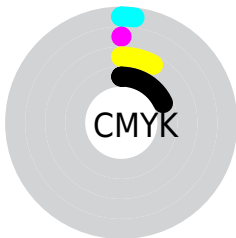
Distribution



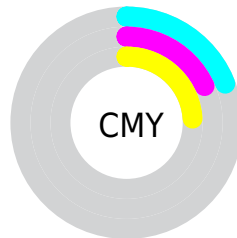
- Red (81%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1100, 0.3209, 0.3477 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 63.1100, 0.3209, 0.3477 by changing the saturation by 10% instead.

■ 63.1100, 0.3209,
0.3477

■ 63.1100, 0.3209,
0.3477

435.9686, 0.3171,
0.3388

■ 45.9302, 0.3218,
0.3498

■ 109.3282, 0.3196,
0.3445

■ 32.1907, 0.3229,
0.3525

139.1354, 0.3190,
0.3433

■ 21.5072, 0.3243,
0.3559

173.9205, 0.3186,
0.3423

■ 13.4953, 0.3262,
0.3606

214.0679, 0.3182,
0.3414

■ 7.7705, 0.3288,
0.3672

259.9620, 0.3179,
0.3406

■ 3.9484, 0.3327,
0.3772

311.9872, 0.3176,

■ 1.6448, 0.3389,

0.3399

0.3942

370.5280, 0.3173,
0.3393

0.3875, 0.4072,
0.5928

0.0000, 0.0000,
0.0000

63.1100, 0.3209,
0.3477

63.1100, 0.3209,
0.3477

61.5034, 0.3318,
0.3735

64.8800, 0.3102,
0.3233

60.0462, 0.3425,
0.4002

66.8106, 0.2999,
0.3007

58.7349, 0.3527,
0.4272

68.7802, 0.2914,
0.2819

57.5628, 0.3618,
0.4535

69.6113, 0.2949,
0.2824

■ 56.5228, 0.3694,
0.4779

■ 70.4679, 0.2985,
0.2829

■ 55.6067, 0.3748,
0.4994

■ 71.3502, 0.3022,
0.2834

■ 54.8056, 0.3779,
0.5169

■ 72.2584, 0.3058,
0.2839

■ 54.1088, 0.3783,
0.5298

■ 73.1927, 0.3095,
0.2844

■ 53.5016, 0.3764,
0.5381

■ 74.1534, 0.3132,
0.2849

Harmonies

Analogous

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



63.1100, 0.3296, 0.3466



63.1100, 0.3209, 0.3477



63.1100, 0.3101, 0.3436

Triad

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



63.1100, 0.3209, 0.3477



63.1100, 0.2920, 0.3168



63.1100, 0.3254, 0.3227

Complementary

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



63.1100, 0.3209, 0.3477



55.2380, 0.3041, 0.3100

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.



63.1100, 0.3151, 0.3151



63.1100, 0.3209, 0.3477



63.1100, 0.2959, 0.3116

Square

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



63.1100, 0.3209, 0.3477



63.1100, 0.2935, 0.3255



63.1100, 0.3043, 0.3110



63.1100, 0.3323, 0.3320

Rectangle

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



63.1100, 0.3209, 0.3477



63.1100, 0.3032, 0.3384



63.1100, 0.3043, 0.3110



63.1100, 0.3222, 0.3198

Sweetspot

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



63.1127, 0.3209, 0.3477



99.4374, 0.3149, 0.3339



57.8628, 0.3253, 0.3334



21.2896, 0.3148, 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.



63.1127, 0.3209, 0.3477



97.5482, 0.3225, 0.3515



62.0276, 0.3150, 0.3480



13.6442, 0.3228, 0.3522



32.6028, 0.3765, 0.5393



1.8589, 0.3847, 0.5327

Inverse Universe

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



55.2380, 0.3041, 0.3100



83.0913, 0.3024, 0.3060



56.3210, 0.3102, 0.3103



11.5569, 0.3020, 0.3052



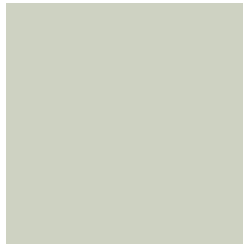
3.3229, 0.1648, 0.0681



0.2238, 0.1840, 0.0788

Previews

White Background



This preview shows how the Yxy color 63.1100, 0.3209, 0.3477 looks on a white background.

Color Contrast Check

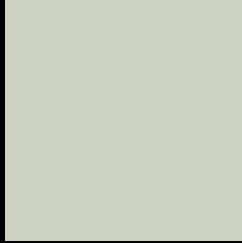
Large Text (above 18pt) WCAG AA × Fail

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 63.1100, 0.3209, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

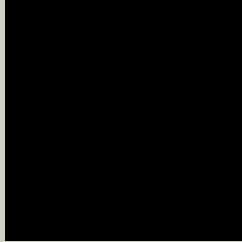
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

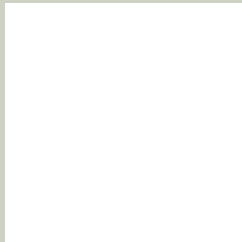
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1100, 0.3209, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 63.1100, 0.3209, 0.3477.



This preview shows how white text looks on a background with the Yxy color 63.1100, 0.3209, 0.3477.

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

63.1100, 0.3209, 0.3477

Protanopia

62.8785, 0.3296, 0.3463

Deuteranopia

63.0824, 0.3419, 0.3346



Tritanopia

63.1182, 0.3046, 0.3110

Trichromacy



Original Color

63.1100, 0.3209, 0.3477

Protanomaly

62.9591, 0.3264, 0.3464

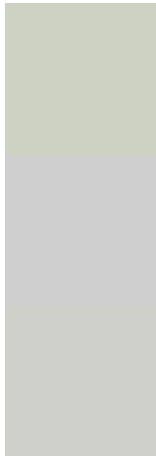
Deuteranomaly

62.8138, 0.3341, 0.3392

Tritanomaly

62.9344, 0.3107, 0.3233

Monochromacy



Original Color

63.1100, 0.3209, 0.3477

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6414, 0.3162, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1100, 0.3209, 0.3477 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(206, 210, 194)` looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 194)  
}
```

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(206, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 194) }
```

Border

The CSS property to change the border of an element to Yxy 63.1100, 0.3209, 0.3477 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(206, 210, 194) }
```

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

```
.border{ border-color:rgb(206, 210, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 210, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(206, 210,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1100, 0.3209, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 194) }
```

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

```
.background{ background-color: rgb(206,  
210, 194) }
```

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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