

Converting Colors

Yxy(63.2593, 0.3120, 0.3510)

Have a look what the booklet for
Yxy(63.2593, 0.3120, 0.3510)
contains.

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Color

Yxy(63.1307, 0.3117, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5C3
RGB	195, 213, 195
RGB Percent	76%, 84%, 76%
CMY	0.2354, 0.1646, 0.2354
CMYK	0.08, 0.00, 0.08, 0.16
HSL	120°, 18%, 80%
HSV	120°, 8%, 84%
XYZ	56.1422, 63.1307, 60.8432
YIQ	205.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

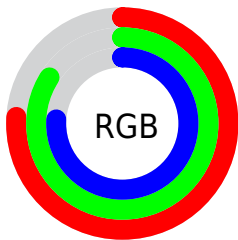
Format	Color
R _{YB}	195, 213, 213
Decimal	12834243
CIE Lab	83.51, -9.41, 6.84
CIE LCh	84, 11.629, 143.985
Yxy	63.1307, 0.3117, 0.3505
Android (android.graphics.Color)	4291024323 (0xFFC3D5C3)
YUV	205.5660, -5.2090, -9.2664
Hunter-Lab	79.4548, -12.9192, 10.2165

Details

The Yxy color **63.1307, 0.3117, 0.3505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9694, 0.3137, 0.3084**, and the grayscale version is **61.4635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2437, 0.3126, 0.3319**, and **32.0395, 0.3114, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **59.6006, 0.3103, 0.3791**, and if you desaturate by 10%, it is **67.2082, 0.3129, 0.3254**.

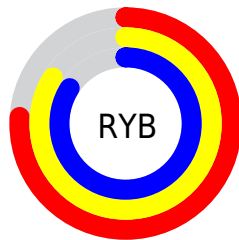
Distribution



Red (76%)

Green (84%)

Blue (76%)



Red (76%)

Yellow (84%)

Blue (84%)

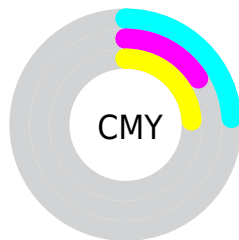


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1307, 0.3117, 0.3505 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 63.1307, 0.3117, 0.3505 by changing the saturation by 10% instead.

■ 63.1307, 0.3117,
0.3505

■ 63.1307, 0.3117,
0.3505

436.0437, 0.3123,
0.3401

■ 45.9470, 0.3115,
0.3530

■ 109.3580, 0.3119,
0.3468

■ 32.2040, 0.3113,
0.3561

139.1704, 0.3120,
0.3454

■ 21.5173, 0.3111,
0.3601

173.9612, 0.3121,
0.3442

■ 13.5027, 0.3107,
0.3656

214.1146, 0.3121,
0.3432

■ 7.7756, 0.3100,
0.3734

260.0152, 0.3122,
0.3423

■ 3.9517, 0.3090,
0.3855

312.0473, 0.3122,

■ 1.6466, 0.3067,

0.3415

370.5953, 0.3122,
0.3408

0.4063

0.3887, 0.2646,
0.7354

0.0000, 0.0000,
0.0000

63.1307, 0.3117,
0.3505

63.1307, 0.3117,
0.3505

59.6006, 0.3103,
0.3791

67.2082, 0.3129,
0.3254

56.5871, 0.3088,
0.4111

71.8465, 0.3139,
0.3036

54.0683, 0.3072,
0.4456

76.0761, 0.3146,
0.2881

52.0179, 0.3055,
0.4815

■ 50.4069, 0.3039,
0.5166

■ 49.2033, 0.3024,
0.5482

■ 48.3706, 0.3012,
0.5734

■ 47.8660, 0.3004,
0.5903

■ 47.6245, 0.3000,
0.5989

Harmonies

Analogous

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



63.1307, 0.3262, 0.3548



63.1307, 0.3117, 0.3505



63.1307, 0.2977, 0.3400

Triad

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



63.1307, 0.3117, 0.3505



63.1307, 0.2885, 0.3061



63.1307, 0.3382, 0.3307

Complementary

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



63.1307, 0.3117, 0.3505



57.9694, 0.3137, 0.3084

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.



63.1307, 0.3277, 0.3183



63.1307, 0.3117, 0.3505



63.1307, 0.2989, 0.3043

Square

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



63.1307, 0.3117, 0.3505



63.1307, 0.2845, 0.3141



63.1307, 0.3132, 0.3088



63.1307, 0.3418, 0.3429

Rectangle

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



63.1307, 0.3117, 0.3505



63.1307, 0.2905, 0.3311



63.1307, 0.3132, 0.3088



63.1307, 0.3354, 0.3264

Sweetspot

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



63.1334, 0.3117, 0.3505



98.0951, 0.3124, 0.3364



65.6833, 0.3252, 0.3497



20.8902, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



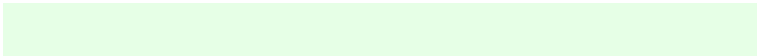
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1334, 0.3117, 0.3505



93.9463, 0.3115, 0.3549



63.5535, 0.3057, 0.3396



13.8961, 0.3116, 0.3531



29.0694, 0.3000, 0.6000



1.7534, 0.3000, 0.5998

Inverse Universe

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



57.9694, 0.3137, 0.3084



84.7948, 0.3139, 0.3044



57.5243, 0.3204, 0.3186



12.6326, 0.3138, 0.3060



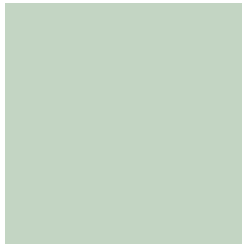
11.5720, 0.3211, 0.1542



0.6980, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 63.1307, 0.3117, 0.3505 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 63.1307, 0.3117, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

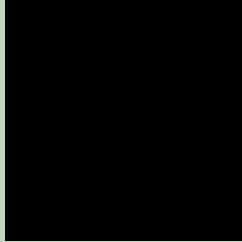
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

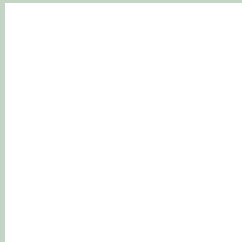
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1307, 0.3117, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 63.1307, 0.3117, 0.3505.

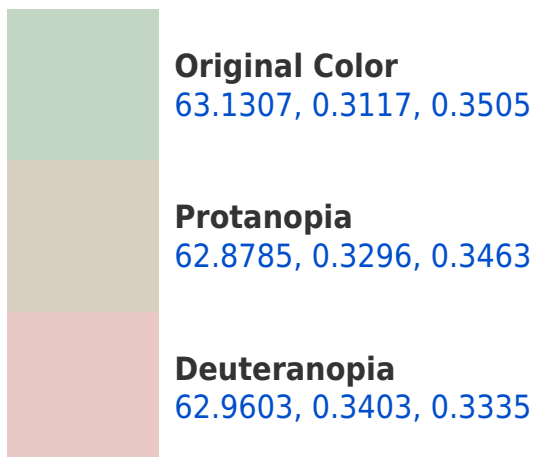


This preview shows how white text looks on a background with the Yxy color 63.1307, 0.3117, 0.3505.

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

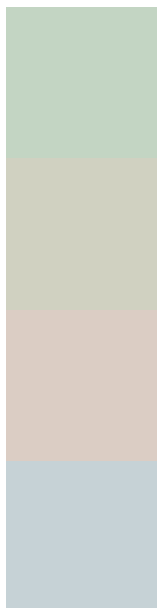




Tritanopia

63.3165, 0.2954, 0.3107

Trichromacy



Original Color

63.1307, 0.3117, 0.3505

Protanomaly

62.8611, 0.3232, 0.3477

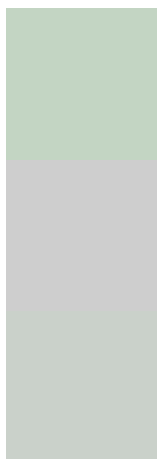
Deuteranomaly

62.7082, 0.3301, 0.3393

Tritanomaly

62.9540, 0.3012, 0.3243

Monochromacy



Original Color

63.1307, 0.3117, 0.3505

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.4218, 0.3123, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1307, 0.3117, 0.3505 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(195, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 195)  
}
```

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(195, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 195) }
```

Border

The CSS property to change the border of an element to Yxy 63.1307, 0.3117, 0.3505 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(195, 213, 195) }
```

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

```
.border{ border-color:rgb(195, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1307, 0.3117, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 195) }
```

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

```
.background{ background-color: rgb(195,  
213, 195) }
```

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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