

Converting Colors

Yxy(61.5903, 0.3190, 0.3419)

Have a look what the booklet for
Yxy(61.5903, 0.3190, 0.3419)
contains.

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Color

Yxy(61.5903, 0.3190, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	CDCFC4
RGB	205, 207, 196
RGB Percent	80%, 81%, 77%
CMY	0.1959, 0.1883, 0.2314
CMYK	0.01, 0.00, 0.05, 0.19
HSL	71°, 10%, 79%
HSV	71°, 5%, 81%
XYZ	57.4651, 61.5903, 61.0859
YIQ	205.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

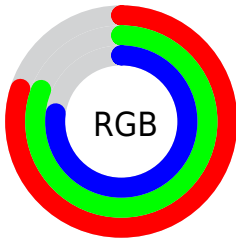
Format	Color
R _Y B	196, 207, 198
Decimal	13488068
CIE Lab	82.70, -2.62, 5.21
CIE LCh	83, 5.833, 116.681
Yxy	61.5903, 0.3190, 0.3419
Android (android.graphics.Color)	4291678148 (0xFFCDCFC4)
YUV	205.1480, -4.5100, -0.1298
Hunter-Lab	78.4795, -6.6360, 8.7862

Details

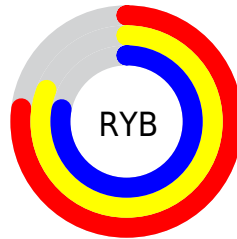
The Yxy color **61.5903, 0.3190, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9837, 0.3062, 0.3159**, and the grayscale version is **61.1839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **31.3148, 0.3210, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **60.2024, 0.3311, 0.3672**, and if you desaturate by 10%, it is **63.1257, 0.3073, 0.3179**.

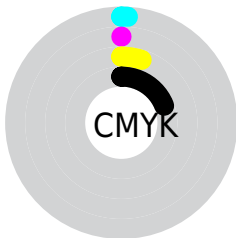
Distribution



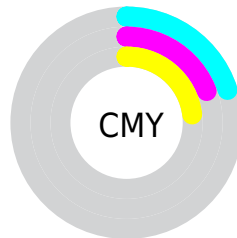
- Red (80%)
- Green (81%)
- Blue (77%)



- Red (77%)
- Yellow (81%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5903, 0.3190, 0.3419 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 61.5903, 0.3190, 0.3419 by changing the saturation by 10% instead.

■ 61.5903, 0.3190,
0.3419

■ 61.5903, 0.3190,
0.3419

430.4351, 0.3160,
0.3357

■ 44.7017, 0.3197,
0.3434

107.1332, 0.3180,
0.3397

■ 31.2226, 0.3206,
0.3452

136.5563, 0.3175,
0.3389

■ 20.7684, 0.3217,
0.3476

170.9264, 0.3172,
0.3382

■ 12.9548, 0.3232,
0.3508

210.6278, 0.3169,
0.3375

■ 7.3974, 0.3253,
0.3554

256.0450, 0.3166,
0.3370

■ 3.7119, 0.3285,
0.3624

307.5623, 0.3164,

■ 1.5137, 0.3337,

0.3365

0.3744

365.5642, 0.3162,
0.3361

0.2984, 0.4240,
0.5760

0.0000, 0.0000,
0.0000

61.5903, 0.3190,
0.3419

61.5903, 0.3190,
0.3419

60.2024, 0.3311,
0.3672

63.1257, 0.3073,
0.3179

58.9485, 0.3431,
0.3933

64.8055, 0.2961,
0.2956

57.8257, 0.3547,
0.4196

66.4359, 0.2874,
0.2781

56.8276, 0.3654,
0.4451

66.9967, 0.2899,
0.2784

■ 55.9477, 0.3747,
0.4688

■ 67.5697, 0.2924,
0.2788

■ 55.1785, 0.3820,
0.4896

■ 68.1553, 0.2950,
0.2792

■ 54.5116, 0.3869,
0.5065

■ 68.7533, 0.2975,
0.2795

■ 53.9375, 0.3892,
0.5191

■ 69.3640, 0.3001,
0.2799

■ 53.4444, 0.3889,
0.5271

■ 69.9873, 0.3026,
0.2803

Harmonies

Analogous

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



61.5903, 0.3248, 0.3409



61.5903, 0.3190, 0.3419



61.5903, 0.3116, 0.3394

Triad

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



61.5903, 0.3190, 0.3419



61.5903, 0.2984, 0.3211



61.5903, 0.3209, 0.3241

Complementary

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



61.5903, 0.3190, 0.3419



55.9837, 0.3062, 0.3159

Split Complementary

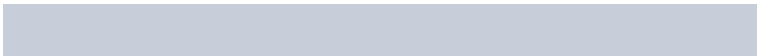
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.5903, 0.3137, 0.3190



61.5903, 0.3190, 0.3419



61.5903, 0.3008, 0.3172

Square

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



61.5903, 0.3190, 0.3419



61.5903, 0.2997, 0.3272



61.5903, 0.3064, 0.3164



61.5903, 0.3259, 0.3306

Rectangle

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



61.5903, 0.3190, 0.3419



61.5903, 0.3067, 0.3360



61.5903, 0.3064, 0.3164



61.5903, 0.3186, 0.3222

Sweetspot

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



61.5930, 0.3190, 0.3419



99.5061, 0.3151, 0.3339



57.5625, 0.3213, 0.3312



21.3036, 0.3150, 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.



61.5930, 0.3190, 0.3419



98.5466, 0.3199, 0.3438



60.8392, 0.3149, 0.3421



13.7782, 0.3205, 0.3451



33.5788, 0.3888, 0.5295



1.9058, 0.3947, 0.5248

Inverse Universe

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



55.9837, 0.3062, 0.3159



88.3103, 0.3053, 0.3139



56.7290, 0.3104, 0.3161



12.2286, 0.3046, 0.3126



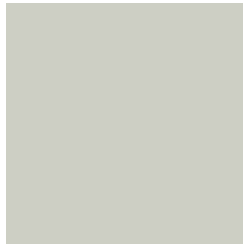
3.1085, 0.1584, 0.0646



0.2050, 0.1747, 0.0736

Previews

White Background



This preview shows how the Yxy color 61.5903, 0.3190, 0.3419 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 61.5903, 0.3190, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

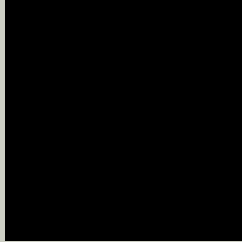
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

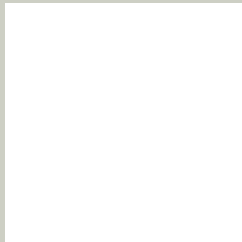
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5903, 0.3190, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 61.5903, 0.3190, 0.3419.



This preview shows how white text looks on a background with the Yxy color 61.5903, 0.3190, 0.3419.

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

61.5903, 0.3190, 0.3419

Protanopia

61.5998, 0.3253, 0.3406

Deuteranopia

61.5821, 0.3374, 0.3302



Tritanopia

61.4345, 0.3053, 0.3097

Trichromacy



Original Color

61.5903, 0.3190, 0.3419

Protanomaly

61.6381, 0.3229, 0.3418

Deuteranomaly

61.4879, 0.3305, 0.3347

Tritanomaly

61.2988, 0.3108, 0.3209

Monochromacy



Original Color

61.5903, 0.3190, 0.3419

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3860, 0.3148, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5903, 0.3190, 0.3419 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(205, 207, 196)` looks like.

```
.text, #text, p{  
    color:rgb(205, 207, 196)  
}
```

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(205, 207, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 207, 196) }
```

Border

The CSS property to change the border of an element to Yxy 61.5903, 0.3190, 0.3419 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(205, 207, 196) }
```

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

```
.border{ border-color:rgb(205, 207, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 207, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 207, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 207, 196);  
box-shadow:4px 4px 4px 4px rgb(205, 207,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5903, 0.3190, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 207, 196) }
```

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

```
.background{ background-color: rgb(205,  
207, 196) }
```

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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