

Converting Colors

$Yxy(61.4278, 0.3205, 0.3513)$

Have a look what the booklet for
Yxy(61.4278, 0.3205, 0.3513)
contains.

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Color

Yxy(61.2470, 0.3201, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	C9D0BE
RGB	201, 208, 190
RGB Percent	79%, 82%, 75%
CMY	0.2115, 0.1844, 0.2549
CMYK	0.03, 0.00, 0.09, 0.18
HSL	83°, 16%, 78%
HSV	83°, 9%, 82%
XYZ	55.9508, 61.2470, 57.5939
YIQ	203.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

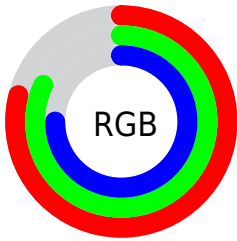
Format	Color
RYB	190, 208, 197
Decimal	13226174
CIELab	82.51, -5.57, 8.10
CIELCh	83, 9.833, 124.533
Yxy	61.2470, 0.3201, 0.3504
Android (android.graphics.Color)	4291416254 (0xFFC9D0BE)
YUV	203.8550, -6.8305, -2.5038
Hunter-Lab	78.2605, -9.3407, 11.1493

Details

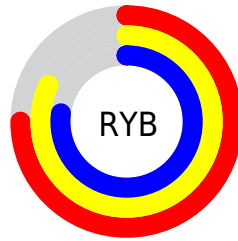
The Yxy color **61.2470, 0.3201, 0.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2469, 0.3049, 0.3074**, and the grayscale version is **60.3377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **31.1204, 0.3215, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **59.3221, 0.3287, 0.3768**, and if you desaturate by 10%, it is **63.3649, 0.3116, 0.3258**.

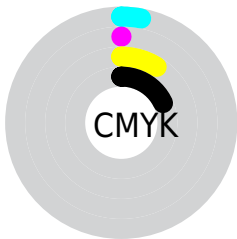
Distribution



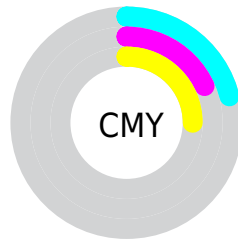
- Red (79%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2470, 0.3201, 0.3504 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 61.2470, 0.3201, 0.3504 by changing the saturation by 10% instead.

 61.2470, 0.3201,
0.3504

 61.2470, 0.3201,
0.3504


429.1791, 0.3166,
0.3401

 44.4245, 0.3209,
0.3529


 106.6365, 0.3189,
0.3467

 31.0044, 0.3219,
0.3560


135.9723, 0.3184,
0.3453

 20.6022, 0.3232,
0.3600


170.2480, 0.3180,
0.3441

 12.8335, 0.3249,
0.3655

209.8481, 0.3177,
0.3431

 7.3140, 0.3272,
0.3733

255.1568, 0.3174,
0.3422

 3.6593, 0.3306,
0.3854

306.5586, 0.3171,

 1.4848, 0.3360,

0.3414

0.4063

364.4379, 0.3168,
0.3407

0.2780, 0.3156,
0.6844

0.0000, 0.0000,
0.0000

61.2470, 0.3201,
0.3504

61.2470, 0.3201,
0.3504

59.3221, 0.3287,
0.3768

63.3649, 0.3116,
0.3258

57.5759, 0.3370,
0.4046

65.6739, 0.3033,
0.3031

56.0042, 0.3446,
0.4331

68.1823, 0.2954,
0.2826

54.6000, 0.3511,
0.4613

69.6668, 0.2993,
0.2809

■ 53.3553, 0.3561,
0.4880

■ 71.0467, 0.3050,
0.2817

■ 52.2614, 0.3590,
0.5119

■ 72.4886, 0.3107,
0.2825

■ 51.3087, 0.3595,
0.5317

■ 73.5852, 0.3149,
0.2831

■ 50.4858, 0.3576,
0.5466

■ 49.7757, 0.3536,
0.5567

Harmonies

Analogous

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



61.2470, 0.3309, 0.3501



61.2470, 0.3201, 0.3504



61.2470, 0.3074, 0.3446

Triad

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



61.2470, 0.3201, 0.3504



61.2470, 0.2890, 0.3134



61.2470, 0.3292, 0.3234

Complementary

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



61.2470, 0.3201, 0.3504



53.2469, 0.3049, 0.3074

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.



61.2470, 0.3177, 0.3141



61.2470, 0.3201, 0.3504



61.2470, 0.2946, 0.3082

Square

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



61.2470, 0.3201, 0.3504



61.2470, 0.2897, 0.3229



61.2470, 0.3050, 0.3086



61.2470, 0.3363, 0.3343

Rectangle

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



61.2470, 0.3201, 0.3504



61.2470, 0.2997, 0.3382



61.2470, 0.3050, 0.3086



61.2470, 0.3257, 0.3200

Sweetspot

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



61.2497, 0.3201, 0.3504



98.9625, 0.3153, 0.3364



57.0142, 0.3268, 0.3372



21.1237, 0.3160, 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.



61.2497, 0.3201, 0.3504



96.6497, 0.3214, 0.3542



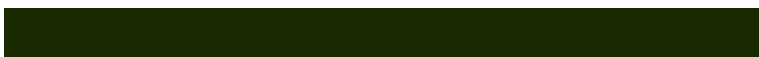
60.0440, 0.3133, 0.3508



13.5608, 0.3208, 0.3524



31.0280, 0.3539, 0.5572



1.7798, 0.3659, 0.5477

Inverse Universe

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



53.2469, 0.3049, 0.3074



81.9425, 0.3034, 0.3035



54.4913, 0.3120, 0.3079



11.6365, 0.3041, 0.3054



3.9562, 0.1828, 0.0780



0.2664, 0.2038, 0.0897

Previews

White Background



This preview shows how the Yxy color 61.2470, 0.3201, 0.3504 looks on a white background.

Color Contrast Check

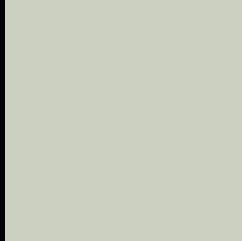
Large Text (above 18pt) WCAG AA × Fail

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 61.2470, 0.3201, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

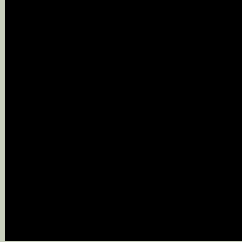
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

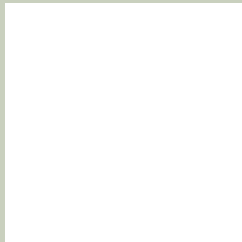
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2470, 0.3201, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 61.2470, 0.3201, 0.3504.



This preview shows how white text looks on a background with the Yxy color 61.2470, 0.3201, 0.3504.

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

61.2470, 0.3201, 0.3504

Protanopia

60.9627, 0.3314, 0.3477

Deuteranopia

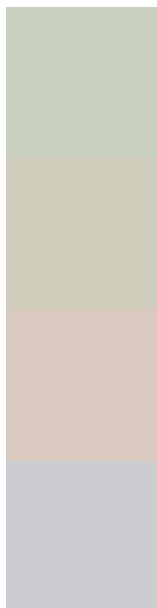
61.0169, 0.3431, 0.3358



Tritanopia

61.4748, 0.3031, 0.3107

Trichromacy



Original Color

61.2470, 0.3201, 0.3504

Protanomaly

60.8921, 0.3273, 0.3478

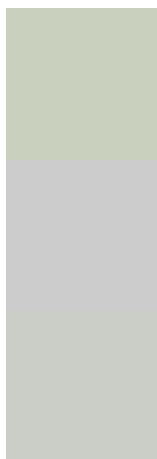
Deuteranomaly

61.0627, 0.3342, 0.3417

Tritanomaly

61.1035, 0.3092, 0.3243

Monochromacy



Original Color

61.2470, 0.3201, 0.3504

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4827, 0.3154, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2470, 0.3201, 0.3504 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, 208, 190)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 190)  
}
```

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, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 190) }
```

Border

The CSS property to change the border of an element to Yxy 61.2470, 0.3201, 0.3504 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, 208, 190) }
```

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

```
.border{ border-color:rgb(201, 208, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2470, 0.3201, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 190) }
```

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

```
.background{ background-color: rgb(201,  
208, 190) }
```

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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