

Converting Colors

Yxy(61.2501, 0.3180, 0.3484)

Have a look what the booklet for
Yxy(61.2501, 0.3180, 0.3484)
contains.

Yxy(61.1969, 0.3179, 0.3481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.1969, 0.3179, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0C0
RGB	200, 208, 192
RGB Percent	78%, 82%, 75%
CMY	0.2157, 0.1843, 0.2472
CMYK	0.04, 0.00, 0.08, 0.18
HSL	90°, 15%, 78%
HSV	90°, 8%, 82%
XYZ	55.8877, 61.1969, 58.7181
YIQ	203.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

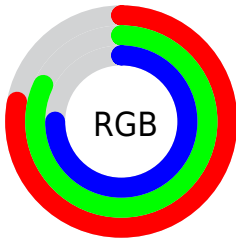
Format	Color
RYB	192, 208, 200
Decimal	13160640
CIELab	82.48, -5.62, 7.01
CIElCh	82, 8.981, 128.706
Yxy	61.1969, 0.3179, 0.3481
Android (android.graphics.Color)	4291350720 (0xFFC8D0C0)
YUV	203.7840, -5.8095, -3.3186
Hunter-Lab	78.2284, -9.3765, 10.2570

Details

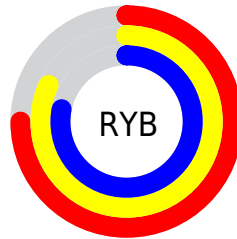
The Yxy color **61.1969, 0.3179, 0.3481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5167, 0.3072, 0.3099**, and the grayscale version is **60.2779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **31.0863, 0.3186, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **58.9606, 0.3246, 0.3748**, and if you desaturate by 10%, it is **63.6658, 0.3112, 0.3236**.

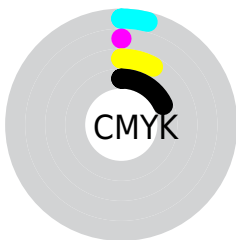
Distribution



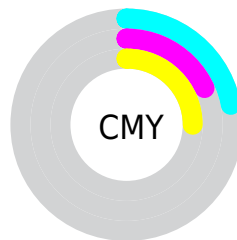
- Red (78%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1969, 0.3179, 0.3481 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 61.1969, 0.3179, 0.3481 by changing the saturation by 10% instead.

■ 61.1969, 0.3179,
0.3481

■ 61.1969, 0.3179,
0.3481

428.9956, 0.3155,
0.3389

■ 44.3841, 0.3185,
0.3503

■ 106.5640, 0.3171,
0.3448

■ 30.9726, 0.3192,
0.3531

135.8870, 0.3167,
0.3436

■ 20.5780, 0.3200,
0.3567

170.1490, 0.3164,
0.3425

■ 12.8159, 0.3212,
0.3616

209.7342, 0.3162,
0.3416

■ 7.3019, 0.3228,
0.3686

255.0271, 0.3160,
0.3408

■ 3.6516, 0.3252,
0.3793

306.4120, 0.3158,

■ 1.4806, 0.3288,

0.3401

364.2734, 0.3156,
0.3395

0.3981

0.2750, 0.3113,
0.6887

0.0000, 0.0000,
0.0000

61.1969, 0.3179,
0.3481

61.1969, 0.3179,
0.3481

58.9606, 0.3246,
0.3748

63.6658, 0.3112,
0.3236

56.9418, 0.3310,
0.4032

66.3664, 0.3046,
0.3013


55.1351, 0.3367,
0.4329


69.3080, 0.2983,
0.2813


53.5324, 0.3414,
0.4627


71.1286, 0.3052,
0.2817


 52.1246, 0.3447,
0.4916


 73.0131, 0.3126,
0.2828

 50.9019, 0.3461,
0.5179

 73.5951, 0.3149,
0.2831

 49.8535, 0.3453,
0.5402

 48.9669, 0.3423,
0.5574

 48.2254, 0.3374,
0.5690

Harmonies

Analogous

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



61.1969, 0.3282, 0.3487



61.1969, 0.3179, 0.3481



61.1969, 0.3064, 0.3422

Triad

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



61.1969, 0.3179, 0.3481



61.1969, 0.2914, 0.3138



61.1969, 0.3290, 0.3253

Complementary

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



61.1969, 0.3179, 0.3481



54.5167, 0.3072, 0.3099

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.



61.1969, 0.3189, 0.3164



61.1969, 0.3179, 0.3481



61.1969, 0.2973, 0.3098

Square

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



61.1969, 0.3179, 0.3481



61.1969, 0.2912, 0.3221



61.1969, 0.3072, 0.3108



61.1969, 0.3347, 0.3353

Rectangle

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



61.1969, 0.3179, 0.3481



61.1969, 0.2995, 0.3360



61.1969, 0.3072, 0.3108



61.1969, 0.3260, 0.3221

Sweetspot

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



61.1995, 0.3179, 0.3481



99.1963, 0.3141, 0.3339



58.3952, 0.3250, 0.3382



21.2405, 0.3140, 0.3336



0.0000, 0.0000, 0.0000



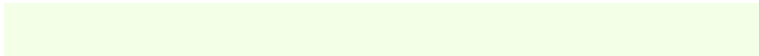
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1995, 0.3179, 0.3481



96.5012, 0.3188, 0.3517



60.1572, 0.3120, 0.3484



13.4930, 0.3190, 0.3525



30.0154, 0.3372, 0.5705



1.7254, 0.3512, 0.5593

Inverse Universe

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



54.5167, 0.3072, 0.3099



84.1057, 0.3061, 0.3063



55.6132, 0.3134, 0.3103



11.7033, 0.3059, 0.3055



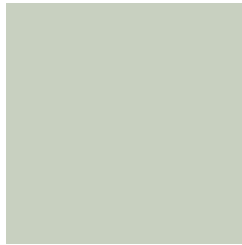
4.7227, 0.2028, 0.0891



0.3112, 0.2229, 0.1002

Previews

White Background



This preview shows how the Yxy color 61.1969, 0.3179, 0.3481 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 61.1969, 0.3179, 0.3481 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

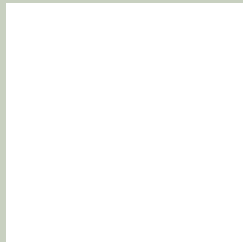
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1969, 0.3179, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 61.1969, 0.3179, 0.3481.



This preview shows how white text looks on a background with the Yxy color 61.1969, 0.3179, 0.3481.

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

61.1969, 0.3179, 0.3481

Protanopia

60.9005, 0.3291, 0.3453

Deuteranopia

60.9412, 0.3407, 0.3335



Tritanopia

61.1904, 0.3016, 0.3106

Trichromacy



Original Color

61.1969, 0.3179, 0.3481

Protanomaly

60.8341, 0.3251, 0.3455

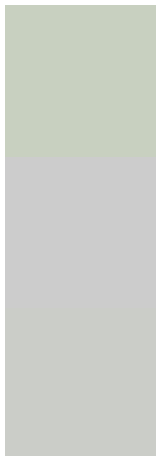
Deuteranomaly

60.9967, 0.3319, 0.3394

Tritanomaly

61.0123, 0.3077, 0.3232

Monochromacy



Original Color

61.1969, 0.3179, 0.3481

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5293, 0.3147, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1969, 0.3179, 0.3481 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(200, 208, 192)` looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 192)  
}
```

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(200, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 192) }
```

Border

The CSS property to change the border of an element to Yxy 61.1969, 0.3179, 0.3481 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(200, 208, 192) }
```

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

```
.border{ border-color:rgb(200, 208, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1969, 0.3179, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 192) }
```

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

```
.background{ background-color: rgb(200,  
208, 192) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor