

Converting Colors

$Yxy(61.2018, 0.2993, 0.3220)$

Have a look what the booklet for
Yxy(61.2018, 0.2993, 0.3220)
contains.

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Color

Yxy(61.0318, 0.2997, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C3CFD5
RGB	195, 207, 213
RGB Percent	76%, 81%, 84%
CMY	0.2354, 0.1882, 0.1647
CMYK	0.08, 0.03, 0.00, 0.16
HSL	200°, 18%, 80%
HSV	200°, 8%, 84%
XYZ	56.8227, 61.0318, 71.7441
YIQ	204.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

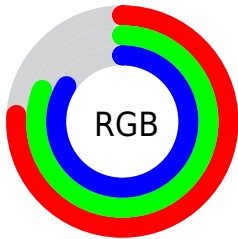
Format	Color
RYB	195, 202, 213
Decimal	12832725
CIELab	82.40, -2.91, -4.39
CIELCh	82, 5.266, 236.441
Yxy	61.0318, 0.2997, 0.3219
Android (android.graphics.Color)	4291022805 (0xFFC3CFD5)
YUV	204.0960, 4.3897, -7.9772
Hunter-Lab	78.1229, -6.8829, 0.2370

Details

The Yxy color **61.0318, 0.2997, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8430, 0.3266, 0.3360**, and the grayscale version is **60.4218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.9138, 0.2965, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **55.0423, 0.2842, 0.3127**, and if you desaturate by 10%, it is **67.5851, 0.3150, 0.3302**.

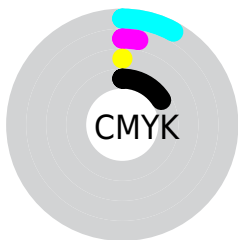
Distribution



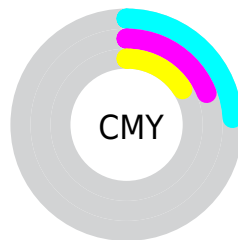
- Red (76%)
- Green (81%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0318, 0.2997, 0.3219 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 61.0318, 0.2997, 0.3219 by changing the saturation by 10% instead.

■ 61.0318, 0.2997,
0.3219

■ 61.0318, 0.2997,
0.3219

428.3906, 0.3059,
0.3253

■ 44.2508, 0.2982,
0.3211

106.3250, 0.3019,
0.3231

■ 30.8678, 0.2964,
0.3201

135.6060, 0.3027,
0.3236

■ 20.4982, 0.2940,
0.3187

169.8224, 0.3034,
0.3240

■ 12.7577, 0.2909,
0.3169

209.3588, 0.3041,
0.3243

■ 7.2619, 0.2865,
0.3144

254.5994, 0.3046,
0.3246

■ 3.6264, 0.2798,
0.3104

305.9286, 0.3051,

■ 1.4669, 0.2685,

0.3249

0.3037

363.7309, 0.3055,
0.3251

0.2652, 0.1738,
0.2546

0.0000, 0.0000,
0.0000

61.0318, 0.2997,
0.3219

61.0318, 0.2997,
0.3219

55.0423, 0.2842,
0.3127

67.5851, 0.3150,
0.3302

49.5898, 0.2689,
0.3026

74.7124, 0.3300,
0.3376

44.6566, 0.2541,
0.2917

81.6923, 0.3417,
0.3444

40.2208, 0.2400,
0.2801

85.6742, 0.3406,
0.3513

■ 36.2589, 0.2272,
0.2679

■ 89.8175, 0.3395,
0.3582

■ 32.7446, 0.2160,
0.2553

■ 94.1241, 0.3384,
0.3649

■ 29.6485, 0.2066,
0.2425

■ 97.5848, 0.3375,
0.3701

■ 26.9363, 0.1993,
0.2298

■ 24.5572, 0.1939,
0.2173

Harmonies

Analogous

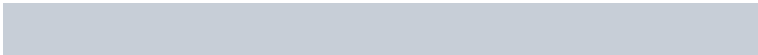
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.0318, 0.3010, 0.3275



61.0318, 0.2997, 0.3219



61.0318, 0.3019, 0.3183

Triad

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



61.0318, 0.2997, 0.3219



61.0318, 0.3201, 0.3245



61.0318, 0.3185, 0.3407

Complementary

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



61.0318, 0.2997, 0.3219



59.8430, 0.3266, 0.3360

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.



61.0318, 0.3237, 0.3397



61.0318, 0.2997, 0.3219



61.0318, 0.3246, 0.3304

Square

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



61.0318, 0.2997, 0.3219



61.0318, 0.3136, 0.3199



61.0318, 0.3259, 0.3359



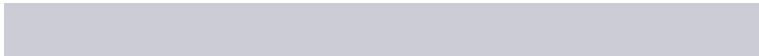
61.0318, 0.3118, 0.3384

Rectangle

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



61.0318, 0.2997, 0.3219



61.0318, 0.3050, 0.3175



61.0318, 0.3259, 0.3359



61.0318, 0.3204, 0.3407

Sweetspot

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



61.0344, 0.2997, 0.3219



96.9661, 0.3081, 0.3265



63.3945, 0.3079, 0.3436



20.5840, 0.3068, 0.3259



0.0000, 0.0000, 0.0000



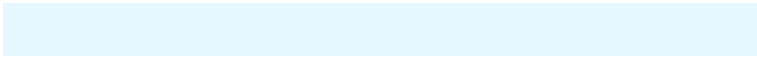
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0344, 0.2997, 0.3219



90.1910, 0.2972, 0.3205



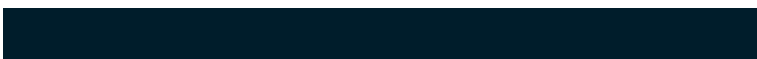
56.9152, 0.2997, 0.3115



13.3799, 0.2982, 0.3211



14.9825, 0.1937, 0.2172



1.0528, 0.1997, 0.2388

Inverse Universe

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



57.6679, 0.3181, 0.3151



84.2618, 0.3193, 0.3124



64.0339, 0.3256, 0.3460



12.5592, 0.3188, 0.3136



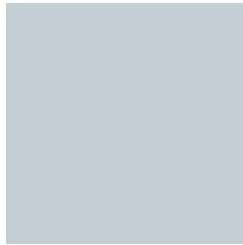
9.8573, 0.4263, 0.2122



0.6096, 0.4036, 0.1997

Previews

White Background



This preview shows how the Yxy color 61.0318, 0.2997, 0.3219 looks on a white background.

Color Contrast Check

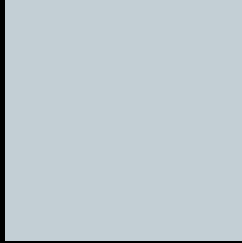
Large Text (above 18pt) WCAG AA × Fail

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 61.0318, 0.2997, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

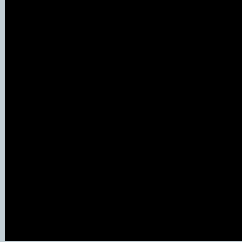
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

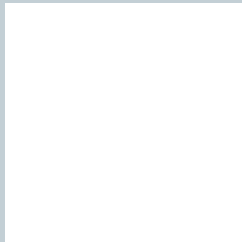
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0318, 0.2997, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 61.0318, 0.2997, 0.3219.



This preview shows how white text looks on a background with the Yxy color 61.0318, 0.2997, 0.3219.

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

61.0318, 0.2997, 0.3219

Protanopia

61.1543, 0.3101, 0.3209

Deuteranopia

60.9688, 0.3174, 0.3111



Tritanopia

61.1523, 0.2945, 0.3104

Trichromacy



Original Color

61.0318, 0.2997, 0.3219

Protanomaly

61.1126, 0.3063, 0.3209

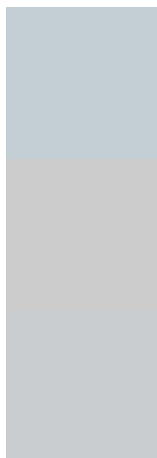
Deuteranomaly

60.9450, 0.3111, 0.3153

Tritanomaly

60.9928, 0.2965, 0.3138

Monochromacy



Original Color

61.0318, 0.2997, 0.3219

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5851, 0.3083, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0318, 0.2997, 0.3219 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, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 213)  
}
```

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, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.0318, 0.2997, 0.3219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

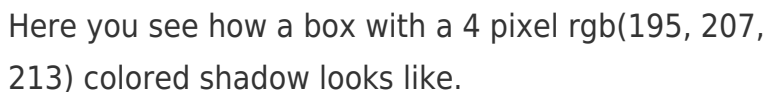
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 207, 213) }
```

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

```
.border{ border-color:rgb(195, 207, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 207, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0318, 0.2997, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 213) }
```

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

```
.background{ background-color: rgb(195,  
207, 213) }
```

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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