

Converting Colors

Yxy(61.0595, 0.3104, 0.3329)

Have a look what the booklet for
Yxy(61.0595, 0.3104, 0.3329)
contains.

Yxy(61.2168, 0.3102, 0.3337)	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(61.2168, 0.3102, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	C8CFCB
RGB	200, 207, 203
RGB Percent	78%, 81%, 80%
CMY	0.2158, 0.1882, 0.2039
CMYK	0.03, 0.00, 0.02, 0.19
HSL	146°, 7%, 80%
HSV	146°, 3%, 81%
XYZ	56.9058, 61.2168, 65.3260
YIQ	204.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

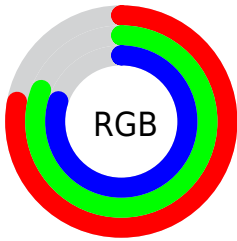
Format	Color
RYP	200, 205, 207
Decimal	13160395
CIE Lab	82.50, -3.13, 1.14
CIE LCh	82, 3.333, 160.076
Yxy	61.2168, 0.3102, 0.3337
Android (android.graphics.Color)	4291350475 (0xFFC8CFCB)
YUV	204.4510, -0.7153, -3.9035
Hunter-Lab	78.2412, -7.0968, 5.2657

Details

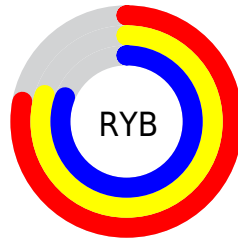
The Yxy color **61.2168, 0.3102, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9171, 0.3153, 0.3243**, and the grayscale version is **60.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0634, 0.3094, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **58.0213, 0.3029, 0.3487**, and if you desaturate by 10%, it is **64.8458, 0.3176, 0.3204**.

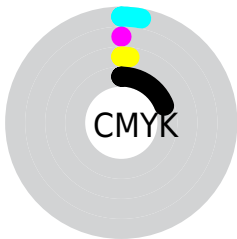
Distribution



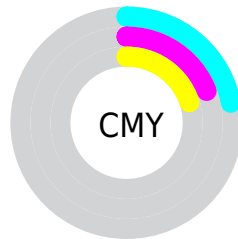
- Red (78%)
- Green (81%)
- Blue (80%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2168, 0.3102, 0.3337 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 61.2168, 0.3102, 0.3337 by changing the saturation by 10% instead.

■ 61.2168, 0.3102,
0.3337

■ 61.2168, 0.3102,
0.3337

429.0685, 0.3114,
0.3315

■ 44.4002, 0.3099,
0.3342

106.5928, 0.3106,
0.3329

■ 30.9852, 0.3096,
0.3349

135.9209, 0.3108,
0.3326

■ 20.5876, 0.3091,
0.3358

170.1883, 0.3109,
0.3323

■ 12.8229, 0.3085,
0.3369

209.7794, 0.3111,
0.3321

■ 7.3067, 0.3076,
0.3386

255.0786, 0.3112,
0.3319

■ 3.6546, 0.3062,
0.3411

306.4702, 0.3113,

■ 1.4823, 0.3039,

0.3317

0.3455

364.3387, 0.3113,
0.3316

0.2762, 0.2721,
0.4041

0.0000, 0.0000,
0.0000

61.2168, 0.3102,
0.3337

61.2168, 0.3102,
0.3337

58.0213, 0.3029,
0.3487

64.8458, 0.3176,
0.3204

55.2351, 0.2958,
0.3653

68.9159, 0.3249,
0.3087

52.8435, 0.2892,
0.3837

72.0791, 0.3267,
0.2979

50.8278, 0.2834,
0.4037

72.7926, 0.3184,
0.2868

■ 49.1677, 0.2787,
0.4249

■ 73.1124, 0.3149,
0.2821

■ 47.8410, 0.2754,
0.4469

■ 46.8229, 0.2739,
0.4692

■ 46.0850, 0.2743,
0.4909

■ 45.5930, 0.2767,
0.5114

Harmonies

Analogous

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



61.2168, 0.3145, 0.3360



61.2168, 0.3102, 0.3337



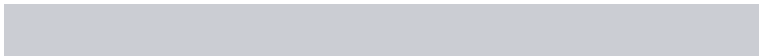
61.2168, 0.3066, 0.3302

Triad

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



61.2168, 0.3102, 0.3337



61.2168, 0.3071, 0.3218



61.2168, 0.3209, 0.3316

Complementary

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



61.2168, 0.3102, 0.3337



58.9171, 0.3153, 0.3243

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.



61.2168, 0.3189, 0.3278



61.2168, 0.3102, 0.3337



61.2168, 0.3109, 0.3222

Square

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



61.2168, 0.3102, 0.3337



61.2168, 0.3048, 0.3233



61.2168, 0.3152, 0.3244



61.2168, 0.3207, 0.3347

Rectangle

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



61.2168, 0.3102, 0.3337



61.2168, 0.3051, 0.3276



61.2168, 0.3152, 0.3244



61.2168, 0.3204, 0.3304

Sweetspot

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



61.2194, 0.3102, 0.3337



99.4268, 0.3120, 0.3304



61.6491, 0.3154, 0.3373



21.2875, 0.3120, 0.3303



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.



61.2194, 0.3102, 0.3337



97.7496, 0.3097, 0.3346



61.3838, 0.3078, 0.3297



13.6337, 0.3092, 0.3356



28.5955, 0.2782, 0.5214



1.6147, 0.2680, 0.4849

Inverse Universe

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



58.9171, 0.3153, 0.3243



93.3827, 0.3158, 0.3235



58.7553, 0.3178, 0.3283



12.9260, 0.3163, 0.3225



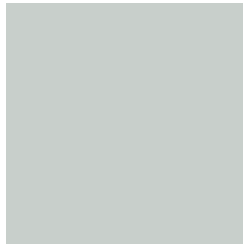
9.1919, 0.4664, 0.2343



0.5297, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 61.2168, 0.3102, 0.3337 looks on a white background.

Color Contrast Check

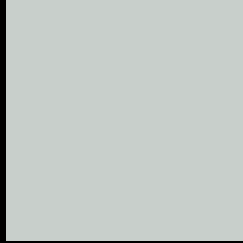
Large Text (above 18pt) WCAG AA × Fail

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 61.2168, 0.3102, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

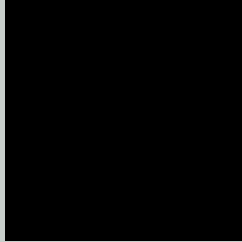
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

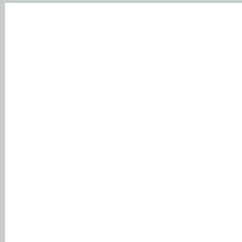
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2168, 0.3102, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 61.2168, 0.3102, 0.3337.



This preview shows how white text looks on a background with the Yxy color 61.2168, 0.3102, 0.3337.

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

61.2168, 0.3102, 0.3337

Protanopia

61.1044, 0.3195, 0.3325

Deuteranopia

61.2622, 0.3288, 0.3224



Tritanopia

61.1027, 0.3002, 0.3095

Trichromacy



Original Color

61.2168, 0.3102, 0.3337

Protanomaly

61.0487, 0.3156, 0.3325

Deuteranomaly

61.1996, 0.3222, 0.3268

Tritanomaly

61.0742, 0.3042, 0.3185

Monochromacy



Original Color

61.2168, 0.3102, 0.3337

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7188, 0.3119, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2168, 0.3102, 0.3337 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, 207, 203)` looks like.

```
.text, #text, p{  
    color:rgb(200, 207, 203)  
}
```

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, 207, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 207, 203) }
```

Border

The CSS property to change the border of an element to Yxy 61.2168, 0.3102, 0.3337 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, 207, 203) }
```

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

```
.border{ border-color:rgb(200, 207, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 207, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 207, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 207, 203);  
box-shadow:4px 4px 4px 4px rgb(200, 207,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2168, 0.3102, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 207, 203) }
```

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

```
.background{ background-color: rgb(200,  
207, 203) }
```

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