

Converting Colors

Yxy(61.9106, 0.3113, 0.3399)

Have a look what the booklet for
Yxy(61.9106, 0.3113, 0.3399)
contains.

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Color

Yxy(61.9132, 0.3115, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	C7D1C8
RGB	199, 209, 200
RGB Percent	78%, 82%, 78%
CMY	0.2194, 0.1804, 0.2156
CMYK	0.05, 0.00, 0.04, 0.18
HSL	126°, 10%, 80%
HSV	126°, 5%, 82%
XYZ	56.7902, 61.9132, 63.6087
YIQ	204.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

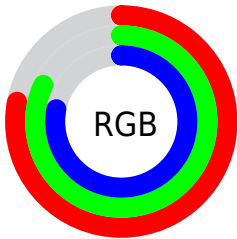
Format	Color
R _Y B	199, 208, 209
Decimal	13095368
CIE Lab	82.87, -5.02, 3.27
CIE LCh	83, 5.993, 146.945
Yxy	61.9132, 0.3115, 0.3396
Android (android.graphics.Color)	4291285448 (0xFFC7D1C8)
YUV	204.9840, -2.4571, -5.2480
Hunter-Lab	78.6849, -8.8677, 7.1496

Details

The Yxy color **61.9132, 0.3115, 0.3396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9801, 0.3140, 0.3186**, and the grayscale version is **61.0637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5378, 0.3111, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **58.4208, 0.3089, 0.3642**, and if you desaturate by 10%, it is **65.9125, 0.3140, 0.3181**.

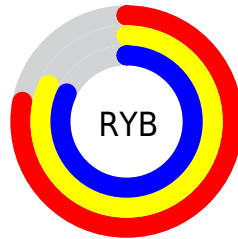
Distribution



Red (78%)

Green (82%)

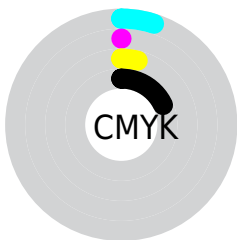
Blue (78%)



Red (78%)

Yellow (82%)

Blue (82%)

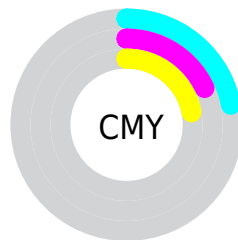


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9132, 0.3115, 0.3396 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 61.9132, 0.3115, 0.3396 by changing the saturation by 10% instead.

■ 61.9132, 0.3115,
0.3396

■ 61.9132, 0.3115,
0.3396

431.6144, 0.3121,
0.3345

■ 44.9626, 0.3114,
0.3408

107.6001, 0.3117,
0.3378

■ 31.4279, 0.3112,
0.3423

137.1051, 0.3118,
0.3371

■ 20.9249, 0.3109,
0.3443

171.5637, 0.3119,
0.3365

■ 13.0691, 0.3106,
0.3470

211.3603, 0.3119,
0.3360

■ 7.4762, 0.3101,
0.3507

256.8793, 0.3120,
0.3356

■ 3.7616, 0.3093,
0.3565

308.5050, 0.3120,

■ 1.5411, 0.3079,

0.3352

0.3666

366.6219, 0.3121,
0.3348

0.3174, 0.2919,
0.5173

0.0000, 0.0000,
0.0000

61.9132, 0.3115,
0.3396

61.9132, 0.3115,
0.3396

58.4208, 0.3089,
0.3642

65.9125, 0.3140,
0.3181

55.4075, 0.3062,
0.3918

70.4295, 0.3164,
0.2994

52.8548, 0.3035,
0.4222

74.0758, 0.3148,
0.2841

50.7399, 0.3011,
0.4547

■ 49.0381, 0.2990,
0.4879

■ 47.7223, 0.2976,
0.5200

■ 46.7621, 0.2969,
0.5489

■ 46.1225, 0.2970,
0.5721

■ 45.7611, 0.2979,
0.5883

Harmonies

Analogous

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



61.9132, 0.3191, 0.3422



61.9132, 0.3115, 0.3396



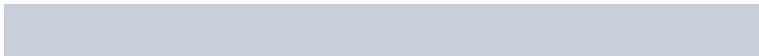
61.9132, 0.3043, 0.3340

Triad

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



61.9132, 0.3115, 0.3396



61.9132, 0.3005, 0.3169



61.9132, 0.3262, 0.3307

Complementary

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



61.9132, 0.3115, 0.3396



58.9801, 0.3140, 0.3186

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.



61.9132, 0.3211, 0.3240



61.9132, 0.3115, 0.3396



61.9132, 0.3063, 0.3161

Square

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



61.9132, 0.3115, 0.3396



61.9132, 0.2980, 0.3209



61.9132, 0.3138, 0.3188



61.9132, 0.3277, 0.3369

Rectangle

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



61.9132, 0.3115, 0.3396



61.9132, 0.3007, 0.3295



61.9132, 0.3138, 0.3188



61.9132, 0.3249, 0.3284

Sweetspot

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



61.9159, 0.3115, 0.3396



99.3721, 0.3125, 0.3312



63.1550, 0.3190, 0.3405



21.2763, 0.3125, 0.3311



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.



61.9159, 0.3115, 0.3396



96.3545, 0.3112, 0.3427



62.1455, 0.3082, 0.3339



13.4466, 0.3110, 0.3439



28.1545, 0.2980, 0.5927



1.5807, 0.2922, 0.5718

Inverse Universe

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



58.9801, 0.3140, 0.3186



90.5286, 0.3143, 0.3157



58.7457, 0.3175, 0.3242



12.5646, 0.3144, 0.3146



10.6250, 0.3467, 0.1684



0.5999, 0.3414, 0.1654

Previews

White Background



This preview shows how the Yxy color 61.9132, 0.3115, 0.3396 looks on a white background.

Color Contrast Check

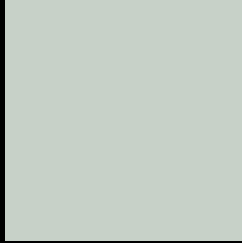
Large Text (above 18pt) WCAG AA × Fail

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 61.9132, 0.3115, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

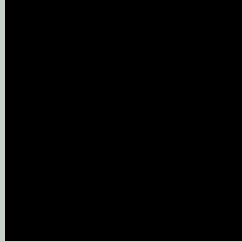
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

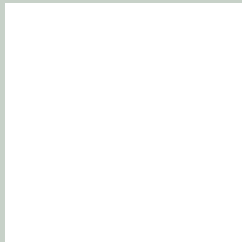
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9132, 0.3115, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 61.9132, 0.3115, 0.3396.



This preview shows how white text looks on a background with the Yxy color 61.9132, 0.3115, 0.3396.

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

61.9132, 0.3115, 0.3396

Protanopia

61.7369, 0.3231, 0.3371

Deuteranopia

61.6051, 0.3335, 0.3257



Tritanopia

62.1130, 0.2995, 0.3107

Trichromacy



Original Color

61.9132, 0.3115, 0.3396

Protanomaly

61.5315, 0.3184, 0.3372

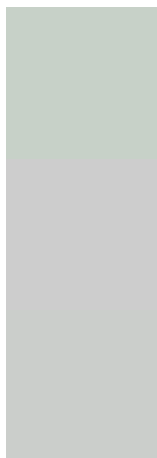
Deuteranomaly

61.6806, 0.3250, 0.3313

Tritanomaly

62.0372, 0.3042, 0.3209

Monochromacy



Original Color

61.9132, 0.3115, 0.3396

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1509, 0.3126, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9132, 0.3115, 0.3396 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(199, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 200)  
}
```

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(199, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 200) }
```

Border

The CSS property to change the border of an element to Yxy 61.9132, 0.3115, 0.3396 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(199, 209, 200) }
```

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

```
.border{ border-color:rgb(199, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9132, 0.3115, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 209, 200) }
```

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

```
.background{ background-color: rgb(199,  
209, 200) }
```

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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