

Converting Colors

Yxy(61.9831, 0.3093, 0.3302)

Have a look what the booklet for
Yxy(61.9831, 0.3093, 0.3302)
contains.

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Color

Yxy(62.1733, 0.3089, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0CF
RGB	202, 208, 207
RGB Percent	79%, 82%, 81%
CMY	0.2080, 0.1842, 0.1883
CMYK	0.03, 0.00, 0.01, 0.18
HSL	170°, 6%, 80%
HSV	170°, 3%, 82%
XYZ	58.1627, 62.1733, 67.9538
YIQ	206.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

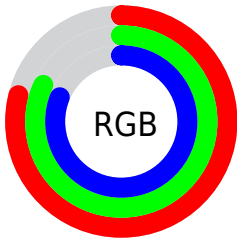
Format	Color
R _Y B	202, 205, 208
Decimal	13291727
CIE Lab	83.01, -2.25, -0.22
CIE LCh	83, 2.264, 185.483
Yxy	62.1733, 0.3089, 0.3302
Android (android.graphics.Color)	4291481807 (0xFFCAD0CF)
YUV	206.0920, 0.4476, -3.5887
Hunter-Lab	78.8500, -6.3193, 4.0983

Details

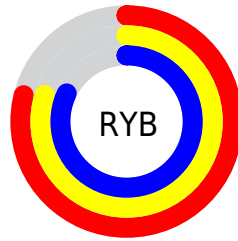
The Yxy color **62.1733, 0.3089, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9409, 0.3167, 0.3278**, and the grayscale version is **61.7782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7070, 0.3077, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **59.2957, 0.2961, 0.3346**, and if you desaturate by 10%, it is **65.4513, 0.3221, 0.3262**.

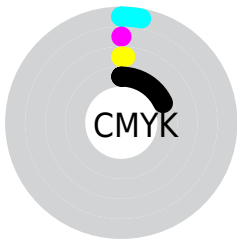
Distribution



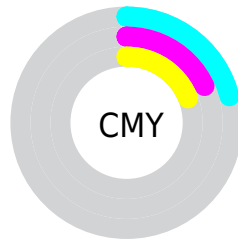
- Red (79%)
- Green (82%)
- Blue (81%)



- Red (79%)
- Yellow (80%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1733, 0.3089, 0.3302 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 62.1733, 0.3089, 0.3302 by changing the saturation by 10% instead.

■ 62.1733, 0.3089,
0.3302

■ 62.1733, 0.3089,
0.3302

432.5630, 0.3107,
0.3296

■ 45.1727, 0.3085,
0.3303

107.9760, 0.3095,
0.3300

■ 31.5935, 0.3079,
0.3305

137.5469, 0.3098,
0.3299

■ 21.0512, 0.3072,
0.3307

172.0766, 0.3100,
0.3299

■ 13.1614, 0.3063,
0.3310

211.9497, 0.3102,
0.3298

■ 7.5398, 0.3050,
0.3314

257.5505, 0.3103,
0.3298

■ 3.8019, 0.3030,
0.3320

309.2634, 0.3105,

■ 1.5634, 0.2997,

0.3297

0.3330

367.4727, 0.3106,
0.3297

0.3327, 0.2689,
0.3425

0.0000, 0.0000,
0.0000

62.1733, 0.3089,
0.3302

62.1733, 0.3089,
0.3302

59.2957, 0.2961,
0.3346

65.4513, 0.3221,
0.3262

56.7949, 0.2841,
0.3394


69.1363, 0.3354,
0.3227

54.6570, 0.2730,
0.3446

71.4275, 0.3416,
0.3193

52.8641, 0.2631,
0.3501


71.6158, 0.3389,
0.3157

 51.3968, 0.2548,
0.3559

 71.8081, 0.3363,
0.3121

 50.2340, 0.2482,
0.3619


 72.0044, 0.3337,
0.3086


 49.3517, 0.2436,
0.3681

 72.2049, 0.3311,
0.3051

 48.7224, 0.2408,
0.3742

 72.4094, 0.3285,
0.3016

 48.3132, 0.2400,
0.3804

 72.6181, 0.3260,
0.2982

Harmonies

Analogous

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



62.1733, 0.3115, 0.3325



62.1733, 0.3089, 0.3302



62.1733, 0.3074, 0.3276

Triad

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



62.1733, 0.3089, 0.3302



62.1733, 0.3111, 0.3243



62.1733, 0.3182, 0.3326

Complementary

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



62.1733, 0.3089, 0.3302



59.9409, 0.3167, 0.3278

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.



62.1733, 0.3181, 0.3304



62.1733, 0.3089, 0.3302



62.1733, 0.3140, 0.3256

Square

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



62.1733, 0.3089, 0.3302



62.1733, 0.3086, 0.3242



62.1733, 0.3166, 0.3278



62.1733, 0.3168, 0.3339

Rectangle

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



62.1733, 0.3089, 0.3302



62.1733, 0.3071, 0.3261



62.1733, 0.3166, 0.3278



62.1733, 0.3184, 0.3319

Sweetspot

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



62.1760, 0.3089, 0.3302



99.4915, 0.3114, 0.3294



62.0895, 0.3132, 0.3361



21.3006, 0.3115, 0.3294



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.



62.1760, 0.3089, 0.3302



98.0045, 0.3074, 0.3307



61.2946, 0.3083, 0.3267



13.6750, 0.3066, 0.3310



29.9938, 0.2399, 0.3838



1.6865, 0.2368, 0.3726

Inverse Universe

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



59.9409, 0.3167, 0.3278



93.1314, 0.3183, 0.3273



60.7995, 0.3173, 0.3312



12.8853, 0.3192, 0.3271



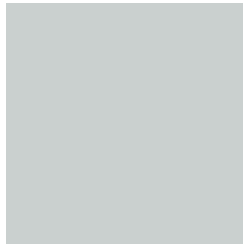
8.4457, 0.6133, 0.3152



0.4826, 0.5652, 0.2887

Previews

White Background



This preview shows how the Yxy color 62.1733, 0.3089, 0.3302 looks on a white background.

Color Contrast Check

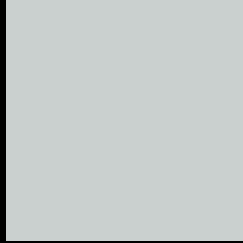
Large Text (above 18pt) WCAG AA × Fail

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 62.1733, 0.3089, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

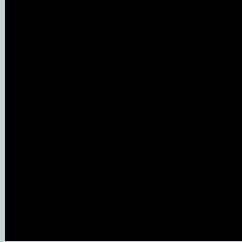
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

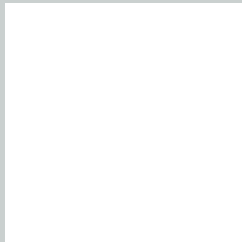
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1733, 0.3089, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 62.1733, 0.3089, 0.3302.

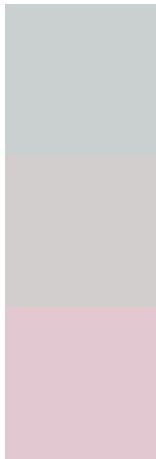


This preview shows how white text looks on a background with the Yxy color 62.1733, 0.3089, 0.3302.

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

62.1733, 0.3089, 0.3302

Protanopia

62.3005, 0.3158, 0.3290

Deuteranopia

61.9196, 0.3257, 0.3190



Tritanopia

62.2539, 0.3002, 0.3107

Trichromacy



Original Color

62.1733, 0.3089, 0.3302

Protanomaly

62.3473, 0.3134, 0.3302

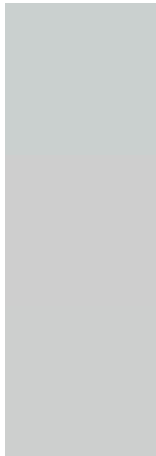
Deuteranomaly

62.0177, 0.3199, 0.3234

Tritanomaly

62.3319, 0.3029, 0.3175

Monochromacy



Original Color

62.1733, 0.3089, 0.3302

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0610, 0.3119, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1733, 0.3089, 0.3302 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(202, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 207)  
}
```

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(202, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 207) }
```

Border

The CSS property to change the border of an element to Yxy 62.1733, 0.3089, 0.3302 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(202, 208, 207) }
```

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

```
.border{ border-color:rgb(202, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1733, 0.3089, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 207) }
```

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

```
.background{ background-color: rgb(202,  
208, 207) }
```

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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