

Converting Colors

Yxy(62.1604, 0.3083, 0.3344)

Have a look what the booklet for
Yxy(62.1604, 0.3083, 0.3344)
contains.

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Color

Yxy(62.1027, 0.3087, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	C7D1CC
RGB	199, 209, 204
RGB Percent	78%, 82%, 80%
CMY	0.2197, 0.1803, 0.2000
CMYK	0.05, 0.00, 0.02, 0.18
HSL	150°, 10%, 80%
HSV	150°, 5%, 82%
XYZ	57.2443, 62.1027, 66.0896
YIQ	205.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

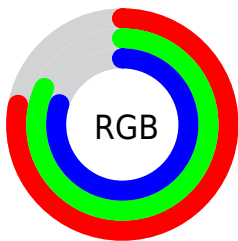
Format	Color
RYB	199, 206, 209
Decimal	13095372
CIELab	82.97, -4.34, 1.30
CIElCh	83, 4.528, 163.360
Yxy	62.1027, 0.3087, 0.3349
Android (android.graphics.Color)	4291285452 (0xFFC7D1CC)
YUV	205.4400, -0.7099, -5.6479
Hunter-Lab	78.8053, -8.2466, 5.4405

Details

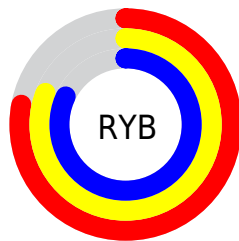
The Yxy color **62.1027, 0.3087, 0.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7471, 0.3169, 0.3232**, and the grayscale version is **61.3495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6644, 0.3074, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **58.9557, 0.3005, 0.3483**, and if you desaturate by 10%, it is **65.6813, 0.3171, 0.3230**.

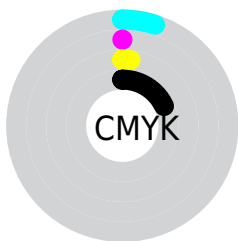
Distribution



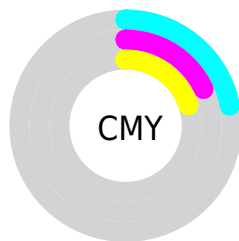
- Red (78%)
- Green (82%)
- Blue (80%)



- Red (78%)
- Yellow (81%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1027, 0.3087, 0.3349 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 62.1027, 0.3087, 0.3349 by changing the saturation by 10% instead.

■ 62.1027, 0.3087,
0.3349

■ 62.1027, 0.3087,
0.3349

432.3056, 0.3106,
0.3321

■ 45.1157, 0.3082,
0.3356

107.8739, 0.3094,
0.3339

■ 31.5486, 0.3077,
0.3364

137.4270, 0.3096,
0.3335

■ 21.0169, 0.3069,
0.3375

171.9375, 0.3099,
0.3332

■ 13.1364, 0.3059,
0.3389

211.7898, 0.3101,
0.3329

■ 7.5225, 0.3045,
0.3410

257.3684, 0.3102,
0.3327

■ 3.7910, 0.3024,
0.3441

309.0576, 0.3104,

■ 1.5573, 0.2988,

0.3325

367.2419, 0.3105,
0.3323

0.3495

0.3286, 0.2573,
0.4096

0.0000, 0.0000,
0.0000

62.1027, 0.3087,
0.3349

62.1027, 0.3087,
0.3349

58.9557, 0.3005,
0.3483

65.6813, 0.3171,
0.3230

56.2159, 0.2926,
0.3631

69.6992, 0.3254,
0.3125

53.8681, 0.2853,
0.3794

72.8870, 0.3285,
0.3028

51.8934, 0.2789,
0.3970

73.5101, 0.3212,
0.2927

■ 50.2712, 0.2738,
0.4157

■ 74.0890, 0.3148,
0.2841

■ 48.9788, 0.2703,
0.4351

■ 47.9908, 0.2686,
0.4548

■ 47.2775, 0.2689,
0.4743

■ 46.8035, 0.2712,
0.4929

Harmonies

Analogous

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



62.1027, 0.3145, 0.3382



62.1027, 0.3087, 0.3349



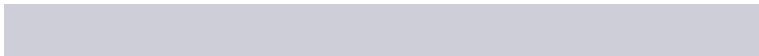
62.1027, 0.3040, 0.3300

Triad

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



62.1027, 0.3087, 0.3349



62.1027, 0.3056, 0.3192



62.1027, 0.3239, 0.3330

Complementary

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



62.1027, 0.3087, 0.3349



58.7471, 0.3169, 0.3232

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.



62.1027, 0.3215, 0.3280



62.1027, 0.3087, 0.3349



62.1027, 0.3109, 0.3201

Square

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



62.1027, 0.3087, 0.3349



62.1027, 0.3023, 0.3209



62.1027, 0.3167, 0.3232



62.1027, 0.3233, 0.3370

Rectangle

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



62.1027, 0.3087, 0.3349



62.1027, 0.3022, 0.3265



62.1027, 0.3167, 0.3232



62.1027, 0.3234, 0.3314

Sweetspot

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



62.1053, 0.3087, 0.3349



99.4377, 0.3119, 0.3302



62.5668, 0.3159, 0.3408



21.2897, 0.3119, 0.3302



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.



62.1053, 0.3087, 0.3349



96.7298, 0.3077, 0.3365



62.3505, 0.3053, 0.3290



13.5033, 0.3072, 0.3372



28.7586, 0.2721, 0.4996



1.6240, 0.2628, 0.4659

Inverse Universe

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



58.7471, 0.3169, 0.3232



90.1407, 0.3181, 0.3216



58.5098, 0.3206, 0.3290



12.5058, 0.3186, 0.3210



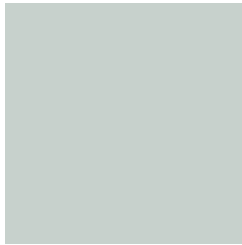
9.0002, 0.4945, 0.2498



0.5193, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 62.1027, 0.3087, 0.3349 looks on a white background.

Color Contrast Check

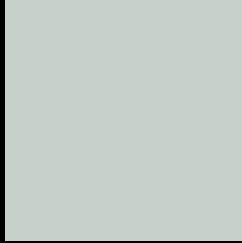
Large Text (above 18pt) WCAG AA × Fail

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 62.1027, 0.3087, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

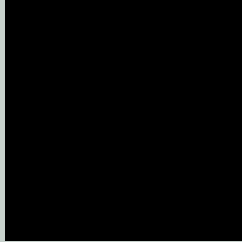
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

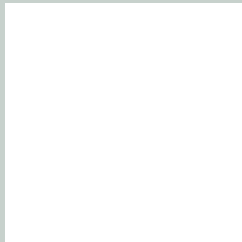
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1027, 0.3087, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 62.1027, 0.3087, 0.3349.



This preview shows how white text looks on a background with the Yxy color 62.1027, 0.3087, 0.3349.

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

62.1027, 0.3087, 0.3349

Protanopia

61.7758, 0.3195, 0.3325

Deuteranopia

61.9335, 0.3288, 0.3224



Tritanopia

62.0269, 0.2981, 0.3095

Trichromacy



Original Color

62.1027, 0.3087, 0.3349

Protanomaly

61.7198, 0.3156, 0.3325

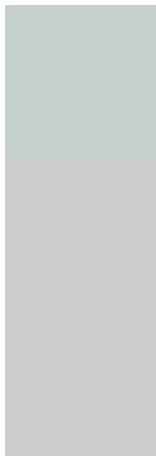
Deuteranomaly

61.7186, 0.3213, 0.3268

Tritanomaly

62.0010, 0.3021, 0.3186

Monochromacy



Original Color

62.1027, 0.3087, 0.3349

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2469, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1027, 0.3087, 0.3349 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, 204) looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.1027, 0.3087, 0.3349 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, 204) }
```

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

```
.border{ border-color:rgb(199, 209, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1027, 0.3087, 0.3349 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, 204) }
```

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

```
.background{ background-color: rgb(199,  
209, 204) }
```

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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