

Converting Colors

$Yxy(62.3517, 0.3062, 0.3261)$

Have a look what the booklet for
Yxy(62.3517, 0.3062, 0.3261)
contains.

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Color

Yxy(62.3715, 0.3062, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0D3
RGB	202, 208, 211
RGB Percent	79%, 82%, 83%
CMY	0.2078, 0.1843, 0.1726
CMYK	0.04, 0.01, 0.00, 0.17
HSL	200°, 9%, 81%
HSV	200°, 4%, 83%
XYZ	58.6733, 62.3715, 70.5727
YIQ	206.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

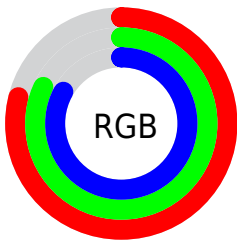
Format	Color
R _Y B	202, 206, 211
Decimal	13291731
CIE Lab	83.11, -1.47, -2.20
CIE LCh	83, 2.647, 236.327
Yxy	62.3715, 0.3062, 0.3255
Android (android.graphics.Color)	4291481811 (0xFFCAD0D3)
YUV	206.5480, 2.1948, -3.9886
Hunter-Lab	78.9756, -5.5945, 2.3013

Details

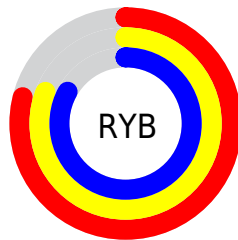
The Yxy color **62.3715, 0.3062, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7821, 0.3194, 0.3325**, and the grayscale version is **62.0816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8414, 0.3041, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **56.2721, 0.2908, 0.3167**, and if you desaturate by 10%, it is **69.0310, 0.3214, 0.3335**.

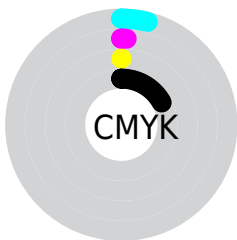
Distribution



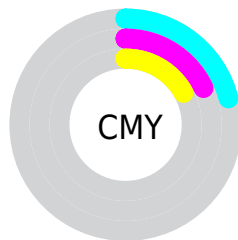
- Red (79%)
- Green (82%)
- Blue (83%)



- Red (79%)
- Yellow (81%)
- Blue (83%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3715, 0.3062, 0.3255 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 62.3715, 0.3062, 0.3255 by changing the saturation by 10% instead.

■ 62.3715, 0.3062,
0.3255

■ 62.3715, 0.3062,
0.3255

433.2849, 0.3093,
0.3272

■ 45.3329, 0.3055,
0.3251

108.2623, 0.3073,
0.3261

■ 31.7198, 0.3046,
0.3246

137.8833, 0.3077,
0.3263

■ 21.1475, 0.3034,
0.3240

172.4672, 0.3081,
0.3265

■ 13.2319, 0.3018,
0.3231

212.3985, 0.3084,
0.3267

■ 7.5884, 0.2996,
0.3219

258.0615, 0.3087,
0.3268

■ 3.8327, 0.2963,
0.3200

309.8407, 0.3089,

■ 1.5804, 0.2907,

0.3270

368.1203, 0.3091,
0.3271

0.3168

0.3444, 0.2502,
0.2956

0.0000, 0.0000,
0.0000

62.3715, 0.3062,
0.3255

62.3715, 0.3062,
0.3255

56.2721, 0.2908,
0.3167

69.0310, 0.3214,
0.3335

50.7066, 0.2754,
0.3069

76.2600, 0.3362,
0.3406

45.6585, 0.2603,
0.2963

82.0682, 0.3430,
0.3473

41.1070, 0.2458,
0.2849

86.0460, 0.3418,
0.3542

■ 37.0298, 0.2325,
0.2729

■ 90.1836, 0.3406,
0.3610

■ 33.4025, 0.2205,
0.2604

■ 94.4829, 0.3395,
0.3676

■ 30.1977, 0.2103,
0.2476

■ 97.4831, 0.3388,
0.3721

■ 27.3843, 0.2021,
0.2348

■ 24.9246, 0.1959,
0.2222

Harmonies

Analogous

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



62.3715, 0.3069, 0.3283



62.3715, 0.3062, 0.3255



62.3715, 0.3073, 0.3237

Triad

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



62.3715, 0.3062, 0.3255



62.3715, 0.3164, 0.3268



62.3715, 0.3156, 0.3348

Complementary

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



62.3715, 0.3062, 0.3255



61.7821, 0.3194, 0.3325

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.



62.3715, 0.3182, 0.3344



62.3715, 0.3062, 0.3255



62.3715, 0.3186, 0.3297

Square

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



62.3715, 0.3062, 0.3255



62.3715, 0.3132, 0.3244



62.3715, 0.3193, 0.3325



62.3715, 0.3123, 0.3337

Rectangle

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



62.3715, 0.3062, 0.3255



62.3715, 0.3088, 0.3233



62.3715, 0.3193, 0.3325



62.3715, 0.3166, 0.3348

Sweetspot

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



62.3742, 0.3062, 0.3255



98.9779, 0.3112, 0.3282



63.5548, 0.3102, 0.3360



21.1961, 0.3113, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

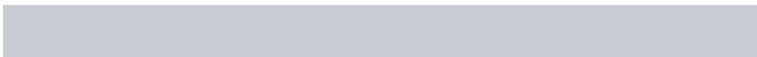
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3742, 0.3062, 0.3255



94.9774, 0.3050, 0.3248



60.2159, 0.3063, 0.3203



13.2156, 0.3041, 0.3243



14.4598, 0.1936, 0.2169



0.9512, 0.2000, 0.2399

Inverse Universe

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



60.6508, 0.3153, 0.3221



91.8622, 0.3159, 0.3208



63.9610, 0.3191, 0.3376



12.7318, 0.3162, 0.3199



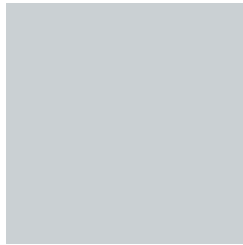
9.5310, 0.4266, 0.2124



0.5473, 0.4024, 0.1991

Previews

White Background



This preview shows how the Yxy color 62.3715, 0.3062, 0.3255 looks on a white background.

Color Contrast Check

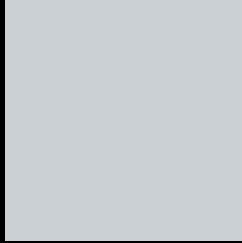
Large Text (above 18pt) WCAG AA × Fail

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 62.3715, 0.3062, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

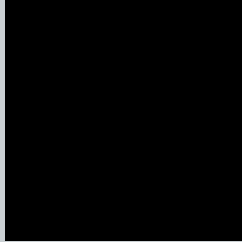
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

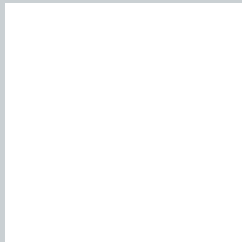
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3715, 0.3062, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 62.3715, 0.3062, 0.3255.

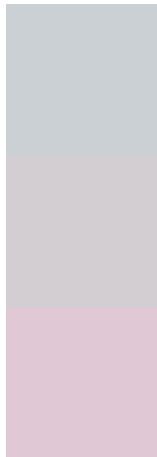


This preview shows how white text looks on a background with the Yxy color 62.3715, 0.3062, 0.3255.

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

62.3715, 0.3062, 0.3255

Protanopia

62.4974, 0.3129, 0.3244

Deuteranopia

61.9093, 0.3227, 0.3157



Tritanopia

62.3077, 0.2996, 0.3096

Trichromacy



Original Color

62.3715, 0.3062, 0.3255

Protanomaly

62.5442, 0.3106, 0.3255

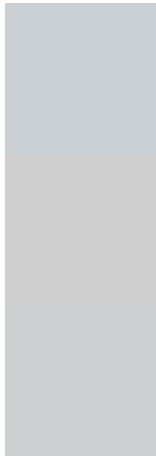
Deuteranomaly

62.0643, 0.3163, 0.3189

Tritanomaly

62.4366, 0.3015, 0.3152

Monochromacy



Original Color

62.3715, 0.3062, 0.3255

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1588, 0.3105, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3715, 0.3062, 0.3255 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 211) }
```

Border

The CSS property to change the border of an element to Yxy 62.3715, 0.3062, 0.3255 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, 211) }
```

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

```
.border{ border-color:rgb(202, 208, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3715, 0.3062, 0.3255 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, 211) }
```

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

```
.background{ background-color: rgb(202,  
208, 211) }
```

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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