

Converting Colors

$Yxy(62.7730, 0.3019, 0.3360)$

Have a look what the booklet for
Yxy(62.7730, 0.3019, 0.3360)
contains.

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Color

Yxy(62.7497, 0.3022, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C0D4CE
RGB	192, 212, 206
RGB Percent	75%, 83%, 81%
CMY	0.2471, 0.1686, 0.1922
CMYK	0.09, 0.00, 0.03, 0.17
HSL	162°, 19%, 79%
HSV	162°, 9%, 83%
XYZ	56.4206, 62.7497, 67.5292
YIQ	205.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

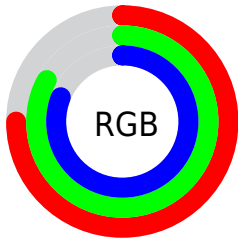
Format	Color
RYB	192, 204, 212
Decimal	12637390
CIELab	83.31, -7.85, 0.67
CIELCh	83, 7.878, 175.148
Yxy	62.7497, 0.3022, 0.3361
Android (android.graphics.Color)	4290827470 (0xFFC0D4CE)
YUV	205.3360, 0.3274, -11.6957
Hunter-Lab	79.2147, -11.4893, 4.9066

Details

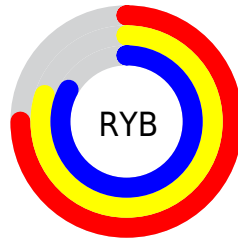
The Yxy color **62.7497, 0.3022, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7719, 0.3245, 0.3220**, and the grayscale version is **61.2787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **31.7842, 0.2990, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **59.8783, 0.2915, 0.3444**, and if you desaturate by 10%, it is **66.0376, 0.3133, 0.3286**.

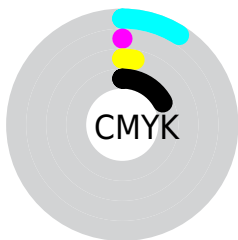
Distribution



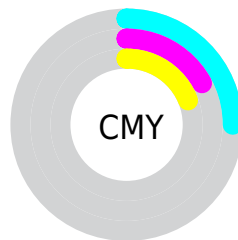
- Red (75%)
- Green (83%)
- Blue (81%)



- Red (75%)
- Yellow (80%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7497, 0.3022, 0.3361 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 62.7497, 0.3022, 0.3361 by changing the saturation by 10% instead.

■ 62.7497, 0.3022,
0.3361

■ 62.7497, 0.3022,
0.3361

434.6605, 0.3072,
0.3327

■ 45.6387, 0.3010,
0.3369

■ 108.8083, 0.3040,
0.3349

■ 31.9608, 0.2995,
0.3379

138.5248, 0.3046,
0.3345

■ 21.3316, 0.2976,
0.3392

173.2119, 0.3052,
0.3341

■ 13.3666, 0.2951,
0.3409

213.2540, 0.3057,
0.3337

■ 7.6815, 0.2915,
0.3434

259.0355, 0.3062,
0.3334

■ 3.8918, 0.2861,
0.3470

310.9408, 0.3066,

■ 1.6132, 0.2770,

0.3332

0.3533

369.3544, 0.3069,
0.3329

0.3665, 0.1790,
0.4185

0.0000, 0.0000,
0.0000

62.7497, 0.3022,
0.3361

62.7497, 0.3022,
0.3361

59.8783, 0.2915,
0.3444

66.0376, 0.3133,
0.3286

57.3983, 0.2815,
0.3535

69.7501, 0.3247,
0.3219

55.2940, 0.2724,
0.3633

73.7918, 0.3356,
0.3159

53.5456, 0.2647,
0.3737

74.1459, 0.3310,
0.3096

■ 52.1314, 0.2586,
0.3847

■ 74.5131, 0.3265,
0.3034

■ 51.0273, 0.2542,
0.3960

■ 74.8935, 0.3221,
0.2973

■ 50.2060, 0.2519,
0.4074

■ 75.2872, 0.3177,
0.2912

■ 49.6349, 0.2515,
0.4189

■ 75.5705, 0.3147,
0.2871

■ 49.2591, 0.2529,
0.4301

Harmonies

Analogous

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



62.7497, 0.3117, 0.3433



62.7497, 0.3022, 0.3361



62.7497, 0.2956, 0.3270

Triad

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



62.7497, 0.3022, 0.3361



62.7497, 0.3037, 0.3122



62.7497, 0.3324, 0.3389

Complementary

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



62.7497, 0.3022, 0.3361



55.7719, 0.3245, 0.3220

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.



62.7497, 0.3302, 0.3306



62.7497, 0.3022, 0.3361



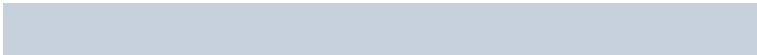
62.7497, 0.3135, 0.3153

Square

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



62.7497, 0.3022, 0.3361



62.7497, 0.2964, 0.3133



62.7497, 0.3232, 0.3220



62.7497, 0.3292, 0.3447

Rectangle

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



62.7497, 0.3022, 0.3361



62.7497, 0.2936, 0.3213



62.7497, 0.3232, 0.3220



62.7497, 0.3322, 0.3363

Sweetspot

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



62.7524, 0.3022, 0.3361



98.4308, 0.3093, 0.3312



62.9468, 0.3163, 0.3528



20.9806, 0.3084, 0.3318



0.0000, 0.0000, 0.0000



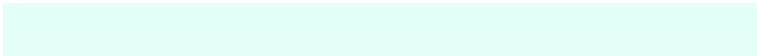
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7524, 0.3022, 0.3361



94.5322, 0.3004, 0.3374



61.2362, 0.2982, 0.3246



14.0414, 0.3022, 0.3361



30.4146, 0.2525, 0.4292



1.8488, 0.2471, 0.4096

Inverse Universe

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



55.7719, 0.3245, 0.3220



82.1904, 0.3268, 0.3207



57.1315, 0.3287, 0.3333



12.4816, 0.3244, 0.3220



8.8827, 0.5748, 0.2940



0.5503, 0.5250, 0.2666

Previews

White Background



This preview shows how the Yxy color 62.7497, 0.3022, 0.3361 looks on a white background.

Color Contrast Check

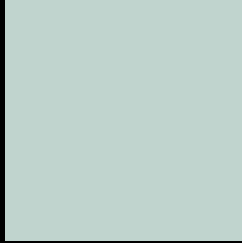
Large Text (above 18pt) WCAG AA × Fail

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 62.7497, 0.3022, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

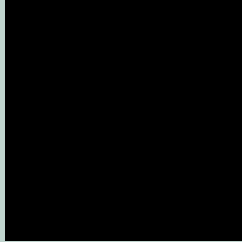
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

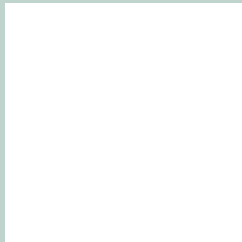
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7497, 0.3022, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 62.7497, 0.3022, 0.3361.

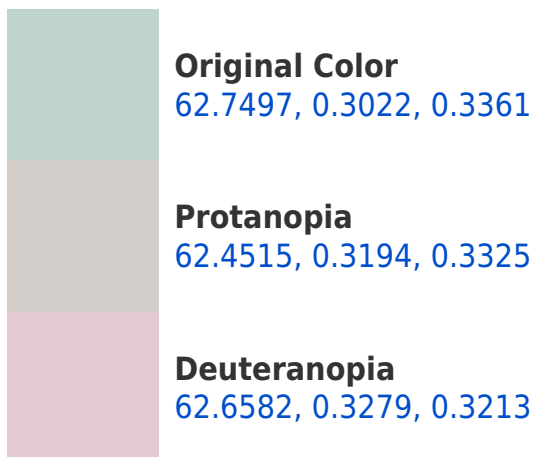


This preview shows how white text looks on a background with the Yxy color 62.7497, 0.3022, 0.3361.

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





Tritanopia

62.6940, 0.2913, 0.3093

Trichromacy



Original Color

62.7497, 0.3022, 0.3361

Protanomaly

62.4505, 0.3132, 0.3337

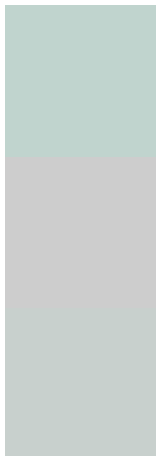
Deuteranomaly

62.4638, 0.3182, 0.3267

Tritanomaly

62.6770, 0.2951, 0.3185

Monochromacy



Original Color

62.7497, 0.3022, 0.3361

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7989, 0.3088, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7497, 0.3022, 0.3361 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(192, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 206)  
}
```

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(192, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 206) }
```

Border

The CSS property to change the border of an element to Yxy 62.7497, 0.3022, 0.3361 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(192, 212, 206) }
```

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

```
.border{ border-color:rgb(192, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7497, 0.3022, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 206) }
```

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

```
.background{ background-color: rgb(192,  
212, 206) }
```

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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