

Converting Colors

$Y_{xy}(62.2890, 0.2964, 0.3270)$

Have a look what the booklet for
Yxy(62.2890, 0.2964, 0.3270)
contains.

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Color

Yxy(62.3398, 0.2962, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	BED3D5
RGB	190, 211, 213
RGB Percent	75%, 83%, 84%
CMY	0.2549, 0.1725, 0.1647
CMYK	0.11, 0.01, 0.00, 0.16
HSL	185°, 21%, 79%
HSV	185°, 11%, 84%
XYZ	56.5372, 62.3398, 71.9981
YIQ	204.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

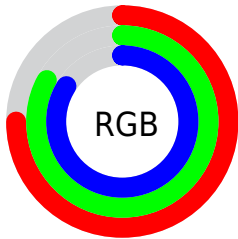
Format	Color
RYB	190, 201, 213
Decimal	12506069
CIELab	83.09, -6.63, -3.39
CIELCh	83, 7.443, 207.093
Yxy	62.3398, 0.2962, 0.3266
Android (android.graphics.Color)	4290696149 (0xFFBED3D5)
YUV	204.9490, 3.9691, -13.1103
Hunter-Lab	78.9556, -10.3549, 1.2035

Details

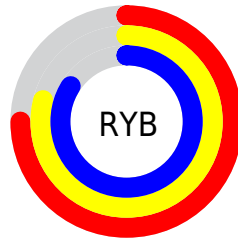
The Yxy color **62.3398, 0.2962, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5521, 0.3315, 0.3314**, and the grayscale version is **60.9972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **31.4798, 0.2920, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **58.8891, 0.2816, 0.3242**, and if you desaturate by 10%, it is **66.2070, 0.3115, 0.3288**.

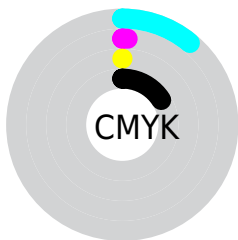
Distribution



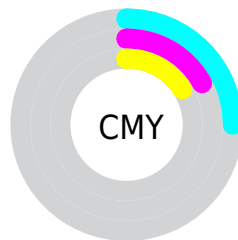
- Red (75%)
- Green (83%)
- Blue (84%)



- Red (75%)
- Yellow (79%)
- Blue (84%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)




- Cyan (25%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3398, 0.2962, 0.3266 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 62.3398, 0.2962, 0.3266 by changing the saturation by 10% instead.

 62.3398, 0.2962,
0.3266

 62.3398, 0.2962,
0.3266


433.1695, 0.3040,
0.3278

 45.3073, 0.2944,
0.3263


 108.2165, 0.2990,
0.3270

 31.6996, 0.2921,
0.3259


137.8295, 0.3000,
0.3272

 21.1321, 0.2891,
0.3254


172.4048, 0.3009,
0.3273

 13.2206, 0.2852,
0.3247

212.3268, 0.3017,
0.3275

 7.5806, 0.2797,
0.3237

257.9798, 0.3024,
0.3276

 3.8278, 0.2715,
0.3221

309.7484, 0.3030,

 1.5777, 0.2578,

0.3277

0.3192

368.0168, 0.3035,
0.3277

0.3425, 0.1467,
0.3068

0.0000, 0.0000,
0.0000

62.3398, 0.2962,
0.3266

62.3398, 0.2962,
0.3266

58.8891, 0.2816,
0.3242

66.2070, 0.3115,
0.3288

55.8296, 0.2679,
0.3216

70.4990, 0.3271,
0.3309

53.1455, 0.2554,
0.3188

75.2340, 0.3428,
0.3327

50.8164, 0.2445,
0.3160

76.3940, 0.3434,
0.3345

■ 48.8203, 0.2353,
0.3130

■ 77.3549, 0.3431,
0.3364

■ 47.1326, 0.2280,
0.3101

■ 78.3263, 0.3428,
0.3382

■ 45.7251, 0.2226,
0.3071

■ 79.3084, 0.3425,
0.3401

■ 44.5643, 0.2191,
0.3042

■ 80.3012, 0.3422,
0.3419

■ 43.6594, 0.2171,
0.3015

■ 81.3047, 0.3419,
0.3437

Harmonies

Analogous

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



62.3398, 0.3022, 0.3352



62.3398, 0.2962, 0.3266



62.3398, 0.2945, 0.3188

Triad

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



62.3398, 0.2962, 0.3266



62.3398, 0.3141, 0.3164



62.3398, 0.3280, 0.3441

Complementary

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



62.3398, 0.2962, 0.3266



55.5521, 0.3315, 0.3314

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.



62.3398, 0.3313, 0.3388



62.3398, 0.2962, 0.3266



62.3398, 0.3232, 0.3229

Square

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



62.3398, 0.2962, 0.3266



62.3398, 0.3047, 0.3131



62.3398, 0.3295, 0.3310



62.3398, 0.3206, 0.3454

Rectangle

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



62.3398, 0.2962, 0.3266



62.3398, 0.2961, 0.3152



62.3398, 0.3295, 0.3310



62.3398, 0.3296, 0.3428

Sweetspot

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



62.3424, 0.2962, 0.3266



98.1573, 0.3080, 0.3284



62.3330, 0.3101, 0.3545



20.9064, 0.3068, 0.3282



0.0000, 0.0000, 0.0000



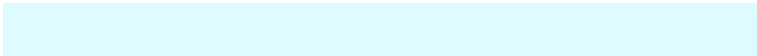
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3424, 0.2962, 0.3266



92.4340, 0.2927, 0.3261



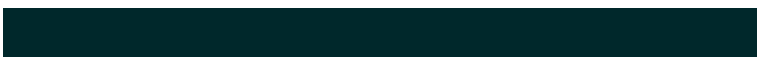
56.8625, 0.2960, 0.3129



13.9160, 0.2983, 0.3269



26.7465, 0.2172, 0.3019



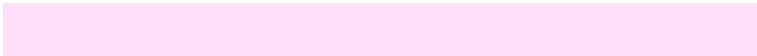
1.6683, 0.2186, 0.3069

Inverse Universe

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



55.6725, 0.3155, 0.3048



80.4600, 0.3161, 0.2995



60.7681, 0.3300, 0.3446



12.6134, 0.3151, 0.3080



11.0449, 0.3437, 0.1667



0.6717, 0.3393, 0.1643

Previews

White Background



This preview shows how the Yxy color 62.3398, 0.2962, 0.3266 looks on a white background.

Color Contrast Check

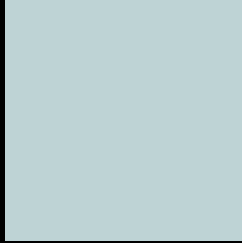
Large Text (above 18pt) WCAG AA × Fail

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 62.3398, 0.2962, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

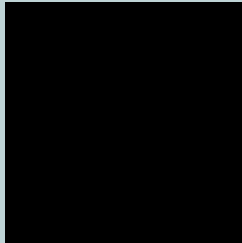
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

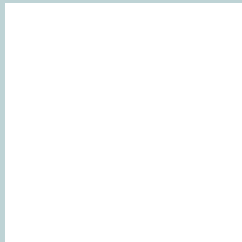
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3398, 0.2962, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 62.3398, 0.2962, 0.3266.



This preview shows how white text looks on a background with the Yxy color 62.3398, 0.2962, 0.3266.

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

62.3398, 0.2962, 0.3266

Protanopia

62.3511, 0.3122, 0.3244

Deuteranopia

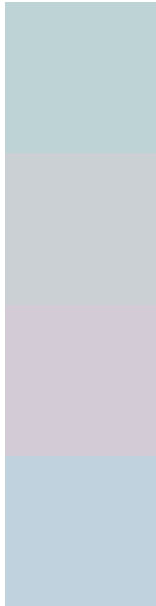
61.9028, 0.3197, 0.3124



Tritanopia

62.2984, 0.2892, 0.3092

Trichromacy



Original Color

62.3398, 0.2962, 0.3266

Protanomaly

62.3715, 0.3062, 0.3255

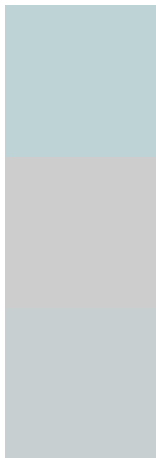
Deuteranomaly

61.8897, 0.3110, 0.3176

Tritanomaly

62.3900, 0.2917, 0.3161

Monochromacy



Original Color

62.3398, 0.2962, 0.3266

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4591, 0.3068, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3398, 0.2962, 0.3266 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(190, 211, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 213)  
}
```

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(190, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.3398, 0.2962, 0.3266 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(190, 211, 213) }
```

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

```
.border{ border-color:rgb(190, 211, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 211, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 211, 213); box-shadow:4px 4px 4px 4px rgb(190, 211, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3398, 0.2962, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 213) }
```

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

```
.background{ background-color: rgb(190,  
211, 213) }
```

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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