

Converting Colors

Yxy(63.0126, 0.3085, 0.3237)

Have a look what the booklet for
Yxy(63.0126, 0.3085, 0.3237)
contains.

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Color

Yxy(62.9870, 0.3085, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	CED0D4
RGB	206, 208, 212
RGB Percent	81%, 82%, 83%
CMY	0.1920, 0.1843, 0.1687
CMYK	0.03, 0.02, 0.00, 0.17
HSL	220°, 6%, 82%
HSV	220°, 3%, 83%
XYZ	59.8998, 62.9870, 71.2778
YIQ	207.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

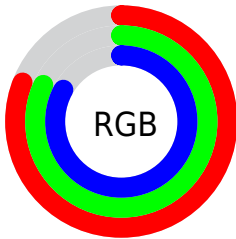
Format	Color
R _Y B	206, 208, 212
Decimal	13553876
CIE Lab	83.44, 0.08, -2.22
CIE LCh	83, 2.219, 272.005
Yxy	62.9870, 0.3085, 0.3244
Android (android.graphics.Color)	4291743956 (0xFFCED0D4)
YUV	207.8580, 2.0420, -1.6295
Hunter-Lab	79.3643, -4.1658, 2.3062

Details

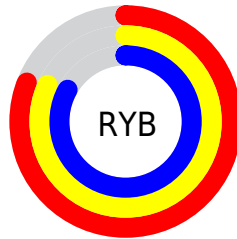
The Yxy color **62.9870, 0.3085, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5625, 0.3169, 0.3336**, and the grayscale version is **62.9720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2209, 0.3080, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **53.5252, 0.2927, 0.3067**, and if you desaturate by 10%, it is **73.4862, 0.3231, 0.3401**.

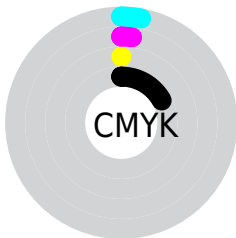
Distribution



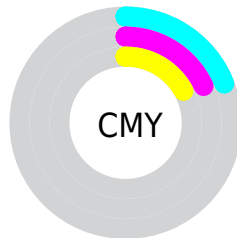
- Red (81%)
- Green (82%)
- Blue (83%)



- Red (81%)
- Yellow (82%)
- Blue (83%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9870, 0.3085, 0.3244 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 62.9870, 0.3085, 0.3244 by changing the saturation by 10% instead.

■ 62.9870, 0.3085,
0.3244

■ 62.9870, 0.3085,
0.3244

435.5223, 0.3105,
0.3266

■ 45.8307, 0.3080,
0.3239

109.1508, 0.3092,
0.3252

■ 32.1122, 0.3074,
0.3232

138.9270, 0.3095,
0.3255

■ 21.4472, 0.3067,
0.3224

173.6787, 0.3097,
0.3257

■ 13.4513, 0.3057,
0.3213

213.7902, 0.3099,
0.3259

■ 7.7401, 0.3042,
0.3197

259.6459, 0.3101,
0.3261

■ 3.9291, 0.3021,
0.3174

311.6302, 0.3102,

■ 1.6340, 0.2985,

0.3263

0.3135

370.1276, 0.3104,
0.3265

0.3803, 0.2768,
0.2897

0.0000, 0.0000,
0.0000

62.9870, 0.3085,
0.3244

62.9870, 0.3085,
0.3244

53.5252, 0.2927,
0.3067

73.4862, 0.3231,
0.3401

45.0602, 0.2759,
0.2868

85.0458, 0.3365,
0.3538

37.5604, 0.2583,
0.2649

94.8155, 0.3388,
0.3671

30.9893, 0.2403,
0.2412

97.5328, 0.3382,
0.3711

■ 25.3081, 0.2225,
0.2160

■ 20.4750, 0.2055,
0.1902

■ 16.4442, 0.1903,
0.1646

■ 13.1650, 0.1775,
0.1404

■ 10.5791, 0.1678,
0.1188

Harmonies

Analogous

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



62.9870, 0.3073, 0.3257



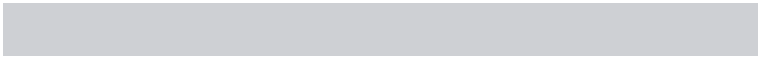
62.9870, 0.3085, 0.3244



62.9870, 0.3108, 0.3243

Triad

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



62.9870, 0.3085, 0.3244



62.9870, 0.3179, 0.3301



62.9870, 0.3118, 0.3326

Complementary

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



62.9870, 0.3085, 0.3244



64.5625, 0.3169, 0.3336

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.



62.9870, 0.3146, 0.3338



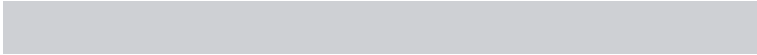
62.9870, 0.3085, 0.3244



62.9870, 0.3181, 0.3323

Square

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



62.9870, 0.3085, 0.3244



62.9870, 0.3162, 0.3276



62.9870, 0.3170, 0.3337



62.9870, 0.3092, 0.3305

Rectangle

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



62.9870, 0.3085, 0.3244



62.9870, 0.3127, 0.3250



62.9870, 0.3170, 0.3337



62.9870, 0.3128, 0.3331

Sweetspot

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



62.9897, 0.3085, 0.3244



98.4321, 0.3112, 0.3274



64.8611, 0.3097, 0.3313



21.0851, 0.3113, 0.3274



0.0000, 0.0000, 0.0000



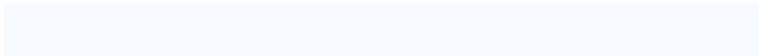
21.4041, 0.3127, 0.3290

Same Dimension

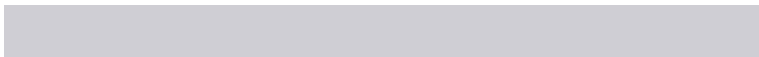
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9897, 0.3085, 0.3244



95.3444, 0.3082, 0.3240



62.1853, 0.3093, 0.3222



13.8821, 0.3070, 0.3228



5.7766, 0.1633, 0.1077



0.4977, 0.1730, 0.1428

Inverse Universe

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



62.7113, 0.3158, 0.3268



94.8894, 0.3161, 0.3266



65.3864, 0.3161, 0.3358



13.8000, 0.3170, 0.3260



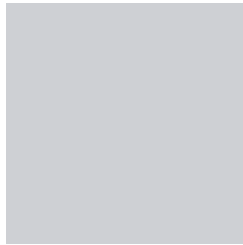
8.9280, 0.5644, 0.2883



0.5536, 0.5153, 0.2612

Previews

White Background



This preview shows how the Yxy color 62.9870, 0.3085, 0.3244 looks on a white background.

Color Contrast Check

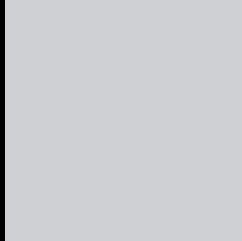
Large Text (above 18pt) WCAG AA × Fail

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 62.9870, 0.3085, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

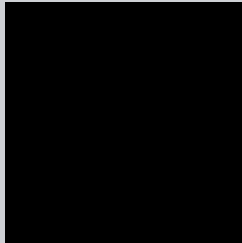
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

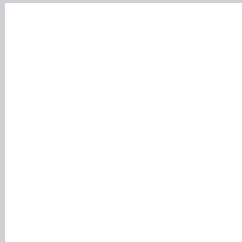
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9870, 0.3085, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 62.9870, 0.3085, 0.3244.

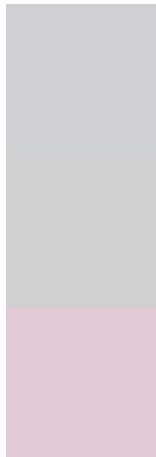


This preview shows how white text looks on a background with the Yxy color 62.9870, 0.3085, 0.3244.

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

62.9870, 0.3085, 0.3244

Protanopia

63.0304, 0.3122, 0.3244

Deuteranopia

62.5849, 0.3227, 0.3158



Tritanopia

62.8802, 0.3025, 0.3098

Trichromacy



Original Color

62.9870, 0.3085, 0.3244

Protanomaly

62.8841, 0.3114, 0.3244

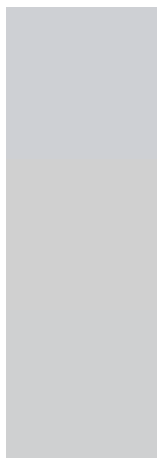
Deuteranomaly

62.8953, 0.3170, 0.3189

Tritanomaly

63.0055, 0.3044, 0.3153

Monochromacy



Original Color

62.9870, 0.3085, 0.3244

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9806, 0.3113, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9870, 0.3085, 0.3244 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(206, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 212)  
}
```

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(206, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.9870, 0.3085, 0.3244 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(206, 208, 212) }
```

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

```
.border{ border-color:rgb(206, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9870, 0.3085, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 212) }
```

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

```
.background{ background-color: rgb(206,  
208, 212) }
```

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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