

Converting Colors

Yxy(62.6394, 0.3080, 0.3349)

Have a look what the booklet for
Yxy(62.6394, 0.3080, 0.3349)
contains.

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Color

Yxy(62.6431, 0.3080, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	C7D2CD
RGB	199, 210, 205
RGB Percent	78%, 82%, 80%
CMY	0.2197, 0.1764, 0.1962
CMYK	0.05, 0.00, 0.02, 0.18
HSL	153°, 11%, 80%
HSV	153°, 5%, 82%
XYZ	57.6115, 62.6431, 66.7956
YIQ	206.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

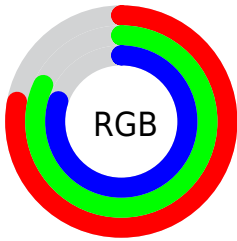
Format	Color
R _{YB}	199, 206, 210
Decimal	13095629
CIE Lab	83.25, -4.67, 1.19
CIE LCh	83, 4.820, 165.716
Yxy	62.6431, 0.3080, 0.3349
Android (android.graphics.Color)	4291285709 (0xFFC7D2CD)
YUV	206.1410, -0.5625, -6.2627
Hunter-Lab	79.1474, -8.5776, 5.3660

Details

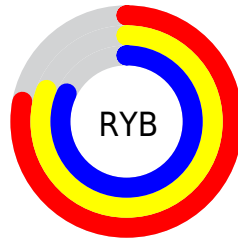
The Yxy color **62.6431, 0.3080, 0.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8995, 0.3177, 0.3232**, and the grayscale version is **61.8207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0310, 0.3065, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **59.5200, 0.2992, 0.3471**, and if you desaturate by 10%, it is **66.1963, 0.3170, 0.3240**.

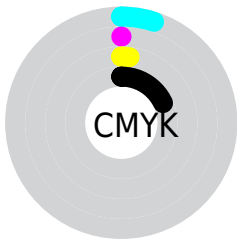
Distribution



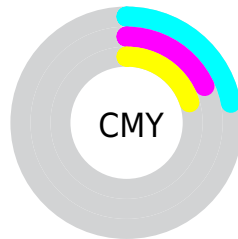
- Red (78%)
- Green (82%)
- Blue (80%)



- 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 62.6431, 0.3080, 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 62.6431, 0.3080, 0.3349 by changing the saturation by 10% instead.

■ 62.6431, 0.3080,
0.3349

■ 62.6431, 0.3080,
0.3349

434.2731, 0.3103,
0.3321

■ 45.5525, 0.3075,
0.3356

108.6545, 0.3088,
0.3339

■ 31.8929, 0.3068,
0.3364

138.3440, 0.3091,
0.3335

■ 21.2797, 0.3059,
0.3375

173.0021, 0.3094,
0.3332

■ 13.3286, 0.3048,
0.3389

213.0130, 0.3096,
0.3329

■ 7.6552, 0.3032,
0.3410

258.7611, 0.3098,
0.3327

■ 3.8751, 0.3007,
0.3441

310.6309, 0.3100,

■ 1.6040, 0.2965,

0.3325

0.3494

369.0068, 0.3101,
0.3323

0.3603, 0.2544,
0.4013

0.0000, 0.0000,
0.0000

62.6431, 0.3080,
0.3349

62.6431, 0.3080,
0.3349

59.5200, 0.2992,
0.3471

66.1963, 0.3170,
0.3240

56.8024, 0.2908,
0.3607


70.1874, 0.3260,
0.3143


54.4753, 0.2830,
0.3755

73.2860, 0.3296,
0.3053


52.5194, 0.2763,
0.3915

73.8513, 0.3228,
0.2961


 50.9140, 0.2708,
0.4085


 74.4469, 0.3162,
0.2870

 49.6363, 0.2670,
0.4262

 74.5805, 0.3148,
0.2851

 48.6606, 0.2651,
0.4442

 47.9570, 0.2652,
0.4620

 47.4891, 0.2673,
0.4792

Harmonies

Analogous

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



62.6431, 0.3141, 0.3386



62.6431, 0.3080, 0.3349



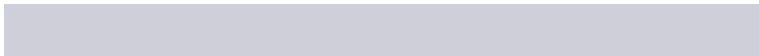
62.6431, 0.3032, 0.3296

Triad

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



62.6431, 0.3080, 0.3349



62.6431, 0.3056, 0.3186



62.6431, 0.3246, 0.3336

Complementary

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



62.6431, 0.3080, 0.3349



58.8995, 0.3177, 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.



62.6431, 0.3223, 0.3283



62.6431, 0.3080, 0.3349



62.6431, 0.3113, 0.3197

Square

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



62.6431, 0.3080, 0.3349



62.6431, 0.3018, 0.3202



62.6431, 0.3174, 0.3232



62.6431, 0.3237, 0.3378

Rectangle

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



62.6431, 0.3080, 0.3349



62.6431, 0.3014, 0.3259



62.6431, 0.3174, 0.3232



62.6431, 0.3242, 0.3319

Sweetspot

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



62.6458, 0.3080, 0.3349



98.8965, 0.3109, 0.3312



63.0782, 0.3160, 0.3419



21.1795, 0.3110, 0.3311



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.



62.6458, 0.3080, 0.3349



96.7711, 0.3073, 0.3358



62.7116, 0.3046, 0.3285



13.5095, 0.3068, 0.3365



28.8796, 0.2680, 0.4847



1.6307, 0.2593, 0.4534

Inverse Universe

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



58.8995, 0.3177, 0.3232



90.0996, 0.3185, 0.3223



58.8310, 0.3214, 0.3295



12.4995, 0.3190, 0.3217



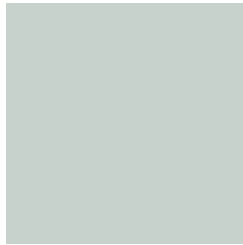
8.8913, 0.5128, 0.2598



0.5131, 0.4686, 0.2355

Previews

White Background



This preview shows how the Yxy color 62.6431, 0.3080, 0.3349 looks on a white background.

Color Contrast Check

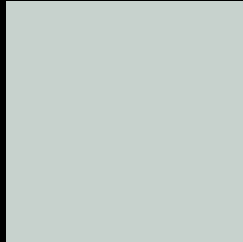
Large Text (above 18pt) WCAG AA × Fail

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 62.6431, 0.3080, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

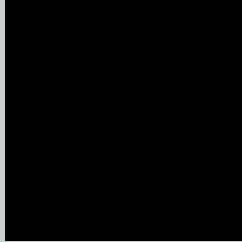
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

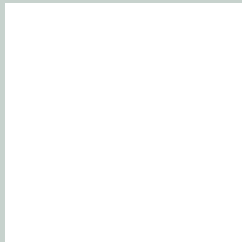
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6431, 0.3080, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 62.6431, 0.3080, 0.3349.



This preview shows how white text looks on a background with the Yxy color 62.6431, 0.3080, 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

62.6431, 0.3080, 0.3349

Protanopia

62.4515, 0.3194, 0.3325

Deuteranopia

62.6092, 0.3287, 0.3224



Tritanopia

62.5640, 0.2975, 0.3095

Trichromacy



Original Color

62.6431, 0.3080, 0.3349

Protanomaly

62.2507, 0.3148, 0.3325

Deuteranomaly

62.3937, 0.3213, 0.3268

Tritanomaly

62.5390, 0.3014, 0.3186

Monochromacy



Original Color

62.6431, 0.3080, 0.3349

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7784, 0.3104, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6431, 0.3080, 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, 210, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 205)  
}
```

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, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 205) }
```

Border

The CSS property to change the border of an element to Yxy 62.6431, 0.3080, 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, 210, 205) }
```

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

```
.border{ border-color:rgb(199, 210, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 210, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6431, 0.3080, 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, 210, 205) }
```

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

```
.background{ background-color: rgb(199,  
210, 205) }
```

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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