

Converting Colors

$Yxy(62.7725, 0.3154, 0.3429)$

Have a look what the booklet for
Yxy(62.7725, 0.3154, 0.3429)
contains.

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Color

Yxy(62.8669, 0.3158, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	CBD2C6
RGB	203, 210, 198
RGB Percent	80%, 82%, 78%
CMY	0.2040, 0.1764, 0.2236
CMYK	0.03, 0.00, 0.06, 0.18
HSL	95°, 12%, 80%
HSV	95°, 6%, 82%
XYZ	57.8647, 62.8669, 62.5004
YIQ	206.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

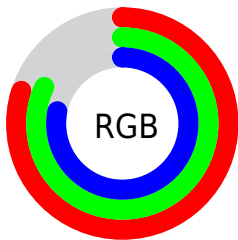
Format	Color
RYB	198, 210, 205
Decimal	13357766
CIELab	83.37, -4.56, 5.12
CIElCh	83, 6.854, 131.714
Yxy	62.8669, 0.3158, 0.3431
Android (android.graphics.Color)	4291547846 (0xFFCBD2C6)
YUV	206.5390, -4.2097, -3.1037
Hunter-Lab	79.2886, -8.4863, 8.7658

Details

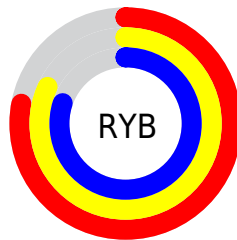
The Yxy color **62.8669, 0.3158, 0.3431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0141, 0.3095, 0.3150**, and the grayscale version is **62.1127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1801, 0.3168, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **60.3135, 0.3211, 0.3696**, and if you desaturate by 10%, it is **65.6961, 0.3104, 0.3190**.

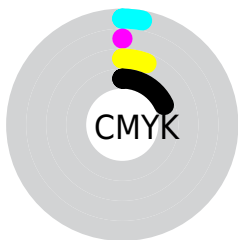
Distribution



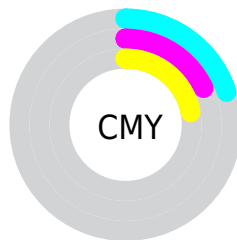
- Red (80%)
- Green (82%)
- Blue (78%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8669, 0.3158, 0.3431 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 62.8669, 0.3158, 0.3431 by changing the saturation by 10% instead.

■ 62.8669, 0.3158,
0.3431

■ 62.8669, 0.3158,
0.3431

435.0863, 0.3144,
0.3364

■ 45.7335, 0.3161,
0.3447

108.9775, 0.3153,
0.3407

■ 32.0356, 0.3165,
0.3467

138.7235, 0.3151,
0.3398

■ 21.3887, 0.3171,
0.3493

173.4425, 0.3149,
0.3390

■ 13.4084, 0.3178,
0.3528

213.5189, 0.3148,
0.3383

■ 7.7104, 0.3187,
0.3578

259.3370, 0.3147,
0.3377

■ 3.9102, 0.3201,
0.3654

311.2814, 0.3146,

■ 1.6235, 0.3222,

0.3372

0.3784

369.7364, 0.3145,
0.3368

0.3733, 0.3658,
0.5609

0.0000, 0.0000,
0.0000

62.8669, 0.3158,
0.3431

62.8669, 0.3158,
0.3431

60.3135, 0.3211,
0.3696

65.6961, 0.3104,
0.3190

58.0192, 0.3262,
0.3983

68.8013, 0.3052,
0.2973

55.9776, 0.3307,
0.4286

71.8012, 0.3040,
0.2836

54.1789, 0.3343,
0.4596

74.0164, 0.3126,
0.2848

■ 52.6129, 0.3366,
0.4901

■ 74.5778, 0.3148,
0.2851

■ 51.2681, 0.3372,
0.5185

■ 50.1322, 0.3359,
0.5431

■ 49.1911, 0.3327,
0.5623

■ 48.4282, 0.3277,
0.5754

Harmonies

Analogous

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



62.8669, 0.3238, 0.3440



62.8669, 0.3158, 0.3431



62.8669, 0.3071, 0.3383

Triad

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



62.8669, 0.3158, 0.3431



62.8669, 0.2968, 0.3171



62.8669, 0.3256, 0.3270

Complementary

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



62.8669, 0.3158, 0.3431



58.0141, 0.3095, 0.3150

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.



62.8669, 0.3182, 0.3200



62.8669, 0.3158, 0.3431



62.8669, 0.3017, 0.3143

Square

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



62.8669, 0.3158, 0.3431



62.8669, 0.2962, 0.3231



62.8669, 0.3095, 0.3154



62.8669, 0.3295, 0.3345

Rectangle

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



62.8669, 0.3158, 0.3431



62.8669, 0.3020, 0.3335



62.8669, 0.3095, 0.3154



62.8669, 0.3235, 0.3245

Sweetspot

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



62.8696, 0.3158, 0.3431



99.1157, 0.3138, 0.3339



61.4416, 0.3216, 0.3372



21.2241, 0.3138, 0.3336



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.



62.8696, 0.3158, 0.3431



96.9807, 0.3165, 0.3466



62.2243, 0.3114, 0.3421



13.5501, 0.3168, 0.3477



29.4212, 0.3265, 0.5790



1.6911, 0.3412, 0.5673

Inverse Universe

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



58.0141, 0.3095, 0.3150



87.7528, 0.3087, 0.3116



58.6879, 0.3141, 0.3163



12.1810, 0.3084, 0.3104



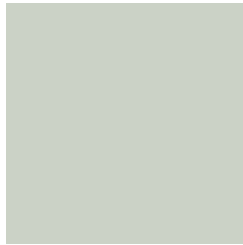
5.4474, 0.2202, 0.0987



0.3506, 0.2383, 0.1087

Previews

White Background



This preview shows how the Yxy color 62.8669, 0.3158, 0.3431 looks on a white background.

Color Contrast Check

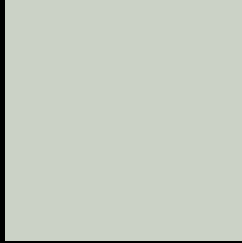
Large Text (above 18pt) WCAG AA × Fail

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 62.8669, 0.3158, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

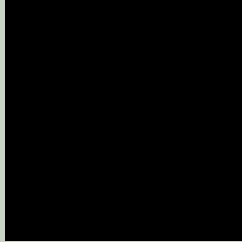
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

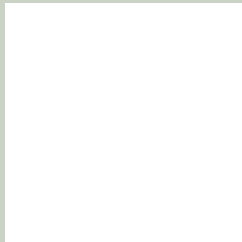
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8669, 0.3158, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 62.8669, 0.3158, 0.3431.



This preview shows how white text looks on a background with the Yxy color 62.8669, 0.3158, 0.3431.

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

62.8669, 0.3158, 0.3431

Protanopia

62.9073, 0.3259, 0.3417

Deuteranopia

62.7664, 0.3364, 0.3302



Tritanopia

62.7357, 0.3018, 0.3097

Trichromacy



Original Color

62.8669, 0.3158, 0.3431

Protanomaly

62.8446, 0.3220, 0.3418

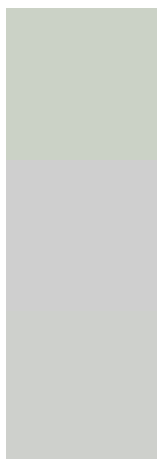
Deuteranomaly

62.5249, 0.3288, 0.3347

Tritanomaly

62.6025, 0.3071, 0.3210

Monochromacy



Original Color

62.8669, 0.3158, 0.3431

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5932, 0.3140, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8669, 0.3158, 0.3431 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(203, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 198)  
}
```

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(203, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 198) }
```

Border

The CSS property to change the border of an element to Yxy 62.8669, 0.3158, 0.3431 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(203, 210, 198) }
```

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

```
.border{ border-color:rgb(203, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(203, 210,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8669, 0.3158, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 198) }
```

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

```
.background{ background-color: rgb(203,  
210, 198) }
```

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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