

Converting Colors

Yxy(63.0457, 0.2991, 0.3255)

Have a look what the booklet for
Yxy(63.0457, 0.2991, 0.3255)
contains.

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Color

Yxy(63.0457, 0.2991, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	C3D3D6
RGB	195, 211, 214
RGB Percent	76%, 83%, 84%
CMY	0.2353, 0.1725, 0.1609
CMYK	0.09, 0.01, 0.00, 0.16
HSL	189°, 19%, 80%
HSV	189°, 9%, 84%
XYZ	57.9323, 63.0457, 72.7108
YIQ	206.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

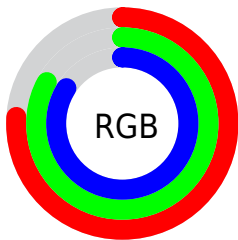
Format	Color
R _Y B	195, 204, 214
Decimal	12833750
CIE Lab	83.47, -4.80, -3.32
CIE LCh	83, 5.837, 214.665
Yxy	63.0457, 0.2991, 0.3255
Android (android.graphics.Color)	4291023830 (0xFFC3D3D6)
YUV	206.5580, 3.6689, -10.1364
Hunter-Lab	79.4013, -8.7162, 1.2868

Details

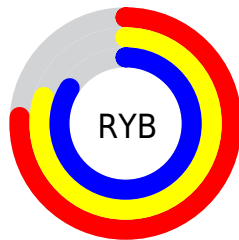
The Yxy color **63.0457, 0.2991, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5958, 0.3277, 0.3325**, and the grayscale version is **62.0784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.2799, 0.2958, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **58.7602, 0.2841, 0.3212**, and if you desaturate by 10%, it is **67.7793, 0.3145, 0.3294**.

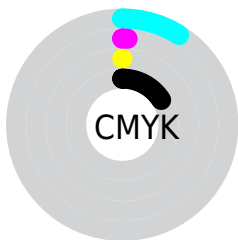
Distribution



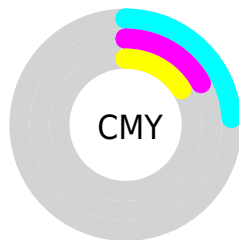
- Red (76%)
- Green (83%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0457, 0.2991, 0.3255 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 63.0457, 0.2991, 0.3255 by changing the saturation by 10% instead.

■ 63.0457, 0.2991,
0.3255

■ 63.0457, 0.2991,
0.3255

■ 435.7353, 0.3055,
0.3272

■ 45.8782, 0.2976,
0.3251

■ 109.2354, 0.3014,
0.3261

■ 32.1497, 0.2957,
0.3246

■ 139.0264, 0.3022,
0.3263

■ 21.4759, 0.2933,
0.3239

■ 173.7941, 0.3030,
0.3265

■ 13.4723, 0.2901,
0.3230

■ 213.9227, 0.3036,
0.3267

■ 7.7546, 0.2856,
0.3217

■ 259.7968, 0.3042,
0.3269

■ 3.9383, 0.2788,
0.3197

■ 311.8006, 0.3047,

■ 1.6391, 0.2677,

0.3270

370.3187, 0.3051,
0.3271

0.3161

0.3838, 0.1932,
0.2995

0.0000, 0.0000,
0.0000

63.0457, 0.2991,
0.3255

63.0457, 0.2991,
0.3255

58.7602, 0.2841,
0.3212

67.7793, 0.3145,
0.3294

54.8973, 0.2698,
0.3166

72.9693, 0.3300,
0.3330

51.4409, 0.2565,
0.3116

77.8322, 0.3422,
0.3362

48.3708, 0.2446,
0.3064

79.6102, 0.3417,
0.3395

■ 45.6650, 0.2341,
0.3010

■ 81.4233, 0.3412,
0.3428

■ 43.2988, 0.2255,
0.2954

■ 83.2718, 0.3407,
0.3461

■ 41.2443, 0.2188,
0.2898

■ 85.1558, 0.3401,
0.3494

■ 39.4688, 0.2141,
0.2843

■ 87.0756, 0.3396,
0.3527

■ 37.9204, 0.2109,
0.2788

■ 89.0313, 0.3391,
0.3559

Harmonies

Analogous

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



63.0457, 0.3031, 0.3322



63.0457, 0.2991, 0.3255



63.0457, 0.2987, 0.3199

Triad

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



63.0457, 0.2991, 0.3255



63.0457, 0.3157, 0.3202



63.0457, 0.3234, 0.3414

Complementary

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



63.0457, 0.2991, 0.3255



58.5958, 0.3277, 0.3325

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.



63.0457, 0.3269, 0.3380



63.0457, 0.2991, 0.3255



63.0457, 0.3224, 0.3258

Square

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



63.0457, 0.2991, 0.3255



63.0457, 0.3083, 0.3169



63.0457, 0.3265, 0.3323



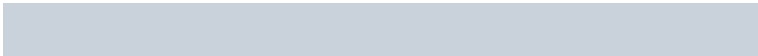
63.0457, 0.3171, 0.3415

Rectangle

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



63.0457, 0.2991, 0.3255



63.0457, 0.3006, 0.3174



63.0457, 0.3265, 0.3323



63.0457, 0.3250, 0.3406

Sweetspot

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



63.0484, 0.2991, 0.3255



97.8198, 0.3080, 0.3278



63.7473, 0.3097, 0.3481



20.8150, 0.3068, 0.3275



0.0000, 0.0000, 0.0000



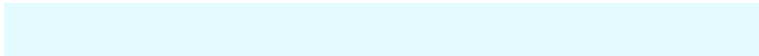
21.4041, 0.3127, 0.3290

Same Dimension

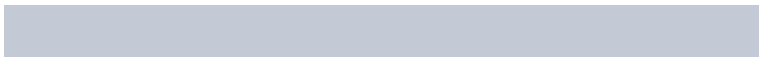
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0484, 0.2991, 0.3255



92.3061, 0.2957, 0.3246



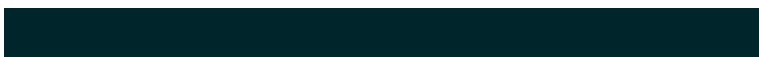
58.5239, 0.2991, 0.3144



13.7629, 0.2983, 0.3253



22.9515, 0.2108, 0.2790



1.4751, 0.2135, 0.2885

Inverse Universe

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



58.0219, 0.3159, 0.3107



83.1125, 0.3168, 0.3060



63.0147, 0.3266, 0.3432



12.5979, 0.3161, 0.3095



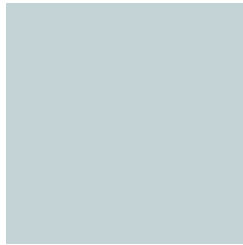
10.6618, 0.3644, 0.1781



0.6522, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 63.0457, 0.2991, 0.3255 looks on a white background.

Color Contrast Check

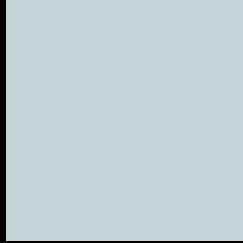
Large Text (above 18pt) WCAG AA × Fail

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 63.0457, 0.2991, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

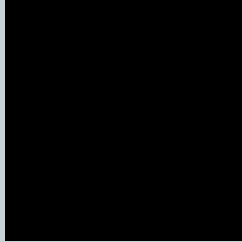
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

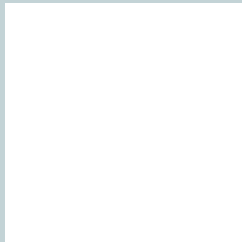
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0457, 0.2991, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 63.0457, 0.2991, 0.3255.



This preview shows how white text looks on a background with the Yxy color 63.0457, 0.2991, 0.3255.

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

63.0457, 0.2991, 0.3255

Protanopia

63.0304, 0.3122, 0.3244

Deuteranopia

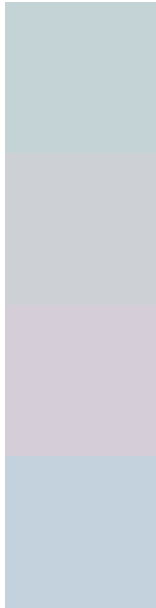
62.5784, 0.3197, 0.3125



Tritanopia

62.9622, 0.2927, 0.3094

Trichromacy



Original Color

63.0457, 0.2991, 0.3255

Protanomaly

62.8444, 0.3077, 0.3244

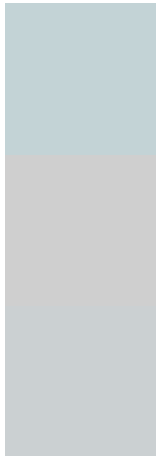
Deuteranomaly

62.7151, 0.3117, 0.3177

Tritanomaly

63.1029, 0.2946, 0.3151

Monochromacy



Original Color

63.0457, 0.2991, 0.3255

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4614, 0.3076, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0457, 0.2991, 0.3255 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(195, 211, 214)` looks like.

```
.text, #text, p{  
    color:rgb(195, 211, 214)  
}
```

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(195, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 211, 214) }
```

Border

The CSS property to change the border of an element to Yxy 63.0457, 0.2991, 0.3255 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(195, 211, 214) }
```

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

```
.border{ border-color:rgb(195, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 211,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0457, 0.2991, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 211, 214) }
```

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

```
.background{ background-color: rgb(195,  
211, 214) }
```

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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