

Converting Colors

Yxy(65.4617, 0.2993, 0.3102)

Have a look what the booklet for
Yxy(65.4617, 0.2993, 0.3102)
contains.

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Color

Yxy(65.5999, 0.2991, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	D0D3E4
RGB	208, 211, 228
RGB Percent	82%, 83%, 89%
CMY	0.1846, 0.1724, 0.1059
CMYK	0.09, 0.07, 0.00, 0.11
HSL	231°, 27%, 85%
HSV	231°, 9%, 89%
XYZ	63.2933, 65.5999, 82.7194
YIQ	212.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

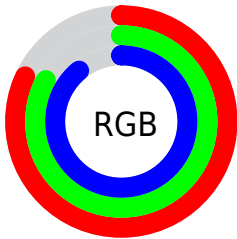
Format	Color
R _Y B	208, 211, 228
Decimal	13685732
CIE Lab	84.79, 2.18, -8.71
CIE LCh	85, 8.982, 284.036
Yxy	65.5999, 0.2991, 0.3100
Android (android.graphics.Color)	4291875812 (0xFFD0D3E4)
YUV	212.0410, 7.8678, -3.5440
Hunter-Lab	80.9938, -2.2486, -3.8576

Details

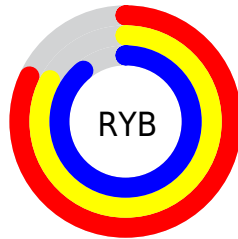
The Yxy color $65.5999, 0.2991, 0.3100$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.8343, 0.3261, 0.3473$, and the grayscale version is $65.8119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0011, 0.2959, 0.3055$ is the 20% darker color. If you saturate the color by 10%, you get $53.5227, 0.2821, 0.2858$, and if you desaturate by 10%, it is $79.3058, 0.3145, 0.3314$.

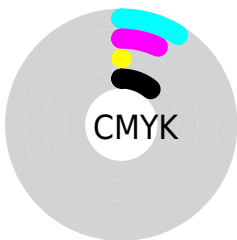
Distribution



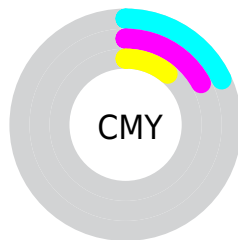
- Red (82%)
- Green (83%)
- Blue (89%)



- Red (82%)
- Yellow (83%)
- Blue (89%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5999, 0.2991, 0.3100 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 65.5999, 0.2991, 0.3100 by changing the saturation by 10% instead.

■ 65.5999, 0.2991,
0.3100

■ 65.5999, 0.2991,
0.3100

444.9446, 0.3055,
0.3189

■ 47.9477, 0.2976,
0.3079

112.9119, 0.3014,
0.3131

■ 33.7855, 0.2957,
0.3054

143.3405, 0.3022,
0.3143

■ 22.7288, 0.2933,
0.3021

178.7966, 0.3030,
0.3153

■ 14.3934, 0.2902,
0.2978

219.6647, 0.3036,
0.3162

■ 8.3948, 0.2858,
0.2919

266.3291, 0.3042,
0.3170

■ 4.3486, 0.2792,
0.2831

319.1744, 0.3047,

■ 1.8704, 0.2686,

0.3177

0.2691

378.5847, 0.3051,
0.3184

0.5305, 0.2432,
0.2314

0.0000, 0.0000,
0.0000

65.5999, 0.2991,
0.3100

65.5999, 0.2991,
0.3100

53.5227, 0.2821,
0.2858

79.3058, 0.3145,
0.3314

43.0053, 0.2636,
0.2587

94.6895, 0.3282,
0.3501

33.9861, 0.2440,
0.2293

98.3811, 0.3286,
0.3552

26.3963, 0.2240,
0.1983

■ 20.1613, 0.2044,
0.1668

■ 15.2000, 0.1865,
0.1367

■ 11.4222, 0.1716,
0.1099

■ 8.7251, 0.1606,
0.0883

■ 6.9775, 0.1538,
0.0729

Harmonies

Analogous

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



65.5999, 0.2926, 0.3131



65.5999, 0.2991, 0.3100



65.5999, 0.3094, 0.3118

Triad

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



65.5999, 0.2991, 0.3100



65.5999, 0.3346, 0.3368



65.5999, 0.3046, 0.3404

Complementary

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



65.5999, 0.2991, 0.3100



74.8343, 0.3261, 0.3473

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.



65.5999, 0.3158, 0.3470



65.5999, 0.2991, 0.3100



65.5999, 0.3332, 0.3447

Square

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



65.5999, 0.2991, 0.3100



65.5999, 0.3300, 0.3271



65.5999, 0.3263, 0.3485



65.5999, 0.2957, 0.3306

Rectangle

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



65.5999, 0.2991, 0.3100



65.5999, 0.3170, 0.3156



65.5999, 0.3263, 0.3485



65.5999, 0.3082, 0.3431

Sweetspot

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



65.6027, 0.2991, 0.3100



94.5209, 0.3082, 0.3227



74.2994, 0.3012, 0.3327



19.9250, 0.3070, 0.3210



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.



65.6027, 0.2991, 0.3100



80.8559, 0.2954, 0.3048



65.0648, 0.3039, 0.3068



14.2452, 0.2980, 0.3085



4.0464, 0.1537, 0.0732



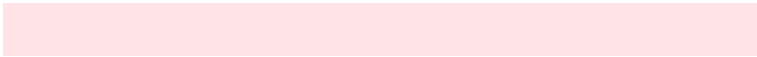
0.4102, 0.1600, 0.0961

Inverse Universe

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



66.2725, 0.3257, 0.3256



81.9566, 0.3295, 0.3248



75.4536, 0.3210, 0.3509



14.4041, 0.3268, 0.3254



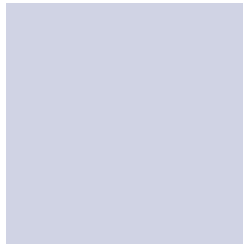
9.6062, 0.6179, 0.3178



0.7211, 0.5818, 0.2979

Previews

White Background



This preview shows how the Yxy color 65.5999, 0.2991, 0.3100 looks on a white background.

Color Contrast Check

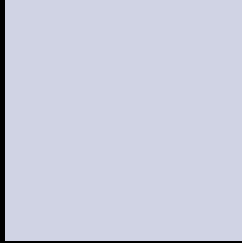
Large Text (above 18pt) WCAG AA × Fail

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 65.5999, 0.2991, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

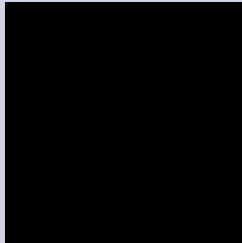
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

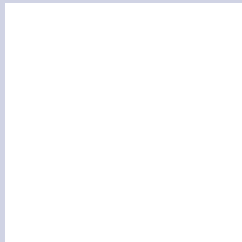
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5999, 0.2991, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 65.5999, 0.2991, 0.3100.

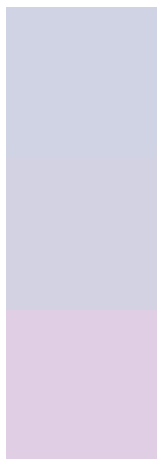


This preview shows how white text looks on a background with the Yxy color 65.5999, 0.2991, 0.3100.

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

65.5999, 0.2991, 0.3100

Protanopia

65.4881, 0.3019, 0.3101

Deuteranopia

65.6470, 0.3102, 0.3041



Tritanopia

65.5999, 0.2991, 0.3100

Trichromacy



Original Color

65.5999, 0.2991, 0.3100

Protanomaly

65.3409, 0.3012, 0.3100

Deuteranomaly

65.6743, 0.3057, 0.3060

Tritanomaly

65.5999, 0.2991, 0.3100

Monochromacy



Original Color

65.5999, 0.2991, 0.3100

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9978, 0.3079, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5999, 0.2991, 0.3100 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(208, 211, 228)` looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 228)  
}
```

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(208, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 228) }
```

Border

The CSS property to change the border of an element to Yxy 65.5999, 0.2991, 0.3100 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(208, 211, 228) }
```

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

```
.border{ border-color:rgb(208, 211, 228) }
```

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

Here you see how a box with a 4 pixel rgb(208, 211, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 228);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5999, 0.2991, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 228) }
```

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

```
.background{ background-color: rgb(208,  
211, 228) }
```

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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