

Converting Colors

Yxy(65.8338, 0.2988, 0.3122)

Have a look what the booklet for
Yxy(65.8338, 0.2988, 0.3122)
contains.

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Color

Yxy(65.8984, 0.2991, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4E3
RGB	207, 212, 227
RGB Percent	81%, 83%, 89%
CMY	0.1883, 0.1686, 0.1099
CMYK	0.09, 0.07, 0.00, 0.11
HSL	225°, 26%, 85%
HSV	225°, 9%, 89%
XYZ	63.1333, 65.8984, 82.0458
YIQ	212.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

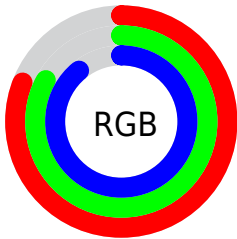
Format	Color
R _Y B	207, 211, 227
Decimal	13620451
CIE Lab	84.94, 1.15, -7.95
CIE LCh	85, 8.037, 278.241
Yxy	65.8984, 0.2991, 0.3122
Android (android.graphics.Color)	4291810531 (0xFFCFD4E3)
YUV	212.2150, 7.2890, -4.5736
Hunter-Lab	81.1778, -3.2389, -3.0995

Details

The Yxy color $65.8984, 0.2991, 0.3122$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.0419, 0.3263, 0.3453$, and the grayscale version is $65.9421, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.8648, 0.2958, 0.3069$ is the 20% darker color. If you saturate the color by 10%, you get $54.8140, 0.2824, 0.2908$, and if you desaturate by 10%, it is $78.3514, 0.3145, 0.3311$.

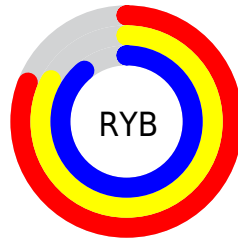
Distribution



Red (81%)

Green (83%)

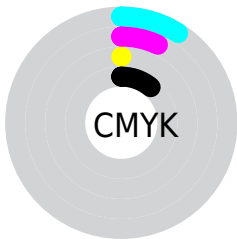
Blue (89%)



Red (81%)

Yellow (83%)

Blue (89%)

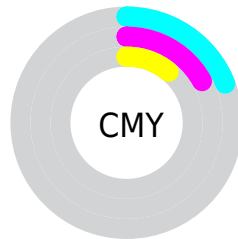


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (19%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8984, 0.2991, 0.3122 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 65.8984, 0.2991, 0.3122 by changing the saturation by 10% instead.

■ 65.8984, 0.2991,
0.3122

■ 65.8984, 0.2991,
0.3122

446.0134, 0.3055,
0.3201

■ 48.1899, 0.2976,
0.3104

113.3405, 0.3013,
0.3150

■ 33.9773, 0.2957,
0.3081

143.8429, 0.3022,
0.3160

■ 22.8762, 0.2934,
0.3052

179.3788, 0.3030,
0.3169

■ 14.5021, 0.2902,
0.3014

220.3325, 0.3036,
0.3177

■ 8.4707, 0.2858,
0.2961

267.0884, 0.3042,
0.3184

■ 4.3976, 0.2794,
0.2883

320.0309, 0.3047,

■ 1.8984, 0.2689,

0.3190

0.2757

379.5445, 0.3051,
0.3196

0.5474, 0.2426,
0.2422

0.0000, 0.0000,
0.0000

65.8984, 0.2991,
0.3122

65.8984, 0.2991,
0.3122

54.8140, 0.2824,
0.2908

78.3514, 0.3145,
0.3311

45.0425, 0.2645,
0.2671

92.2098, 0.3284,
0.3477

36.5363, 0.2458,
0.2411

98.3246, 0.3292,
0.3562

29.2419, 0.2269,
0.2135

■ 23.1018, 0.2084,
0.1850

■ 18.0532, 0.1915,
0.1569

■ 14.0273, 0.1770,
0.1306

■ 10.9459, 0.1659,
0.1076

■ 8.7071, 0.1583,
0.0891

Harmonies

Analogous

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



65.8984, 0.2941, 0.3158



65.8984, 0.2991, 0.3122



65.8984, 0.3078, 0.3130

Triad

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



65.8984, 0.2991, 0.3122



65.8984, 0.3319, 0.3344



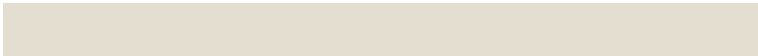
65.8984, 0.3073, 0.3406

Complementary

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



65.8984, 0.2991, 0.3122



73.0419, 0.3263, 0.3453

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.



65.8984, 0.3174, 0.3457



65.8984, 0.2991, 0.3122



65.8984, 0.3317, 0.3419

Square

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



65.8984, 0.2991, 0.3122



65.8984, 0.3268, 0.3256



65.8984, 0.3264, 0.3461



65.8984, 0.2988, 0.3322

Rectangle

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



65.8984, 0.2991, 0.3122



65.8984, 0.3146, 0.3158



65.8984, 0.3264, 0.3461



65.8984, 0.3106, 0.3427

Sweetspot

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



65.9012, 0.2991, 0.3122



94.9799, 0.3082, 0.3235



73.4416, 0.3024, 0.3349



20.0484, 0.3069, 0.3219



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.



65.9012, 0.2991, 0.3122



82.3952, 0.2954, 0.3076



64.1052, 0.3025, 0.3067



14.4738, 0.2980, 0.3109



5.1066, 0.1582, 0.0896



0.5228, 0.1659, 0.1173

Inverse Universe

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



65.6970, 0.3243, 0.3235



82.1120, 0.3277, 0.3221



75.0068, 0.3224, 0.3508



14.4272, 0.3253, 0.3231



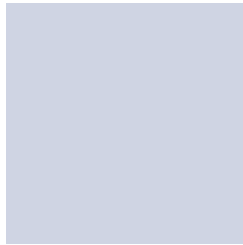
9.7132, 0.5919, 0.3034



0.7325, 0.5505, 0.2806

Previews

White Background



This preview shows how the Yxy color 65.8984, 0.2991, 0.3122 looks on a white background.

Color Contrast Check

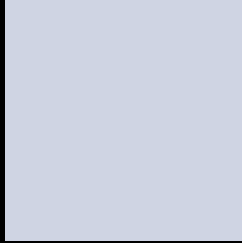
Large Text (above 18pt) WCAG AA × Fail

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 65.8984, 0.2991, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

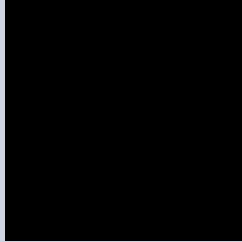
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

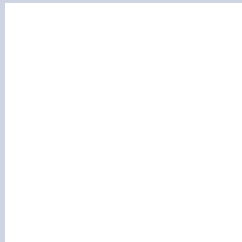
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8984, 0.2991, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 65.8984, 0.2991, 0.3122.

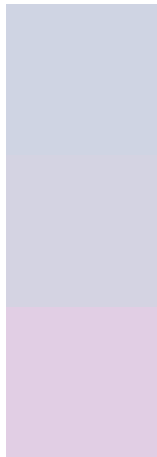


This preview shows how white text looks on a background with the Yxy color 65.8984, 0.2991, 0.3122.

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

65.8984, 0.2991, 0.3122

Protanopia

66.0766, 0.3033, 0.3123

Deuteranopia

65.7516, 0.3116, 0.3052



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

65.8984, 0.2991, 0.3122

Protanomaly

65.7812, 0.3019, 0.3122

Deuteranomaly

65.6186, 0.3064, 0.3071

Tritanomaly

65.9538, 0.2984, 0.3111

Monochromacy



Original Color

65.8984, 0.2991, 0.3122

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7984, 0.3079, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8984, 0.2991, 0.3122 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(207, 212, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 227)  
}
```

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(207, 212, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 227) }
```

Border

The CSS property to change the border of an element to Yxy 65.8984, 0.2991, 0.3122 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(207, 212, 227) }
```

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

```
.border{ border-color:rgb(207, 212, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 212, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8984, 0.2991, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 227) }
```

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

```
.background{ background-color: rgb(207,  
212, 227) }
```

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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