

Converting Colors

$Y_{xy}(66.0070, 0.2935, 0.3175)$

Have a look what the booklet for
Yxy(66.0070, 0.2935, 0.3175)
contains.

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Color

Yxy(65.9074, 0.2935, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	C5D7E1
RGB	197, 215, 225
RGB Percent	77%, 84%, 88%
CMY	0.2273, 0.1569, 0.1176
CMYK	0.12, 0.04, 0.00, 0.12
HSL	201°, 32%, 83%
HSV	201°, 12%, 88%
XYZ	60.9254, 65.9074, 80.7495
YIQ	210.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

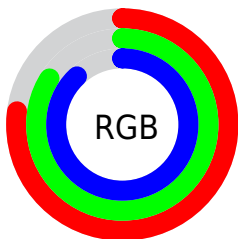
Format	Color
RYB	197, 208, 225
Decimal	12965857
CIELab	84.95, -4.01, -6.98
CIELCh	85, 8.054, 240.108
Yxy	65.9074, 0.2935, 0.3175
Android (android.graphics.Color)	4291155937 (0xFFC5D7E1)
YUV	210.7580, 7.0213, -12.0658
Hunter-Lab	81.1834, -8.1126, -2.1448

Details

The Yxy color **65.9074, 0.2935, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6951, 0.3338, 0.3402**, and the grayscale version is **64.9389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.8835, 0.2886, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **59.0921, 0.2779, 0.3072**, and if you desaturate by 10%, it is **73.3837, 0.3090, 0.3269**.

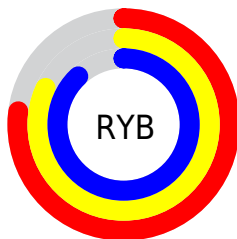
Distribution



Red (77%)

Green (84%)

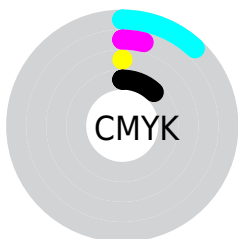
Blue (88%)



Red (77%)

Yellow (82%)

Blue (88%)

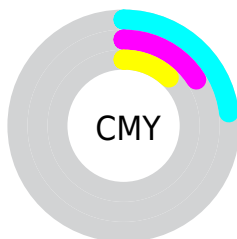


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (23%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9074, 0.2935, 0.3175 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 65.9074, 0.2935, 0.3175 by changing the saturation by 10% instead.

■ 65.9074, 0.2935,
0.3175

■ 65.9074, 0.2935,
0.3175

446.0456, 0.3025,
0.3230

■ 48.1972, 0.2914,
0.3162

113.3534, 0.2966,
0.3194

■ 33.9831, 0.2888,
0.3146

143.8581, 0.2979,
0.3202

■ 22.8806, 0.2855,
0.3125

179.3963, 0.2989,
0.3208

■ 14.5054, 0.2811,
0.3098

220.3526, 0.2998,
0.3214

■ 8.4730, 0.2751,
0.3059

267.1113, 0.3006,
0.3218

■ 4.3991, 0.2662,
0.3001

320.0567, 0.3013,

■ 1.8992, 0.2520,

0.3223

0.2905

379.5734, 0.3019,
0.3226

■ 0.5479, 0.2052,
0.2659

■ 0.0000, 0.0000,
0.0000

■ 65.9074, 0.2935,
0.3175

■ 65.9074, 0.2935,
0.3175

■ 59.0921, 0.2779,
0.3072

■ 73.3837, 0.3090,
0.3269

■ 52.9067, 0.2625,
0.2959

■ 81.5343, 0.3242,
0.3353

■ 47.3295, 0.2476,
0.2837

■ 88.5272, 0.3322,
0.3430

■ 42.3341, 0.2337,
0.2707

■ 93.3553, 0.3313,
0.3508

■ 37.8917, 0.2211,
0.2572

■ 98.2167, 0.3303,
0.3582

■ 33.9705, 0.2102,
0.2434

■ 30.5340, 0.2013,
0.2295

■ 27.5392, 0.1945,
0.2158

■ 25.5144, 0.1905,
0.2057

Harmonies

Analogous

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



65.9074, 0.2948, 0.3255



65.9074, 0.2935, 0.3175



65.9074, 0.2973, 0.3127

Triad

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



65.9074, 0.2935, 0.3175



65.9074, 0.3247, 0.3233



65.9074, 0.3201, 0.3463

Complementary

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



65.9074, 0.2935, 0.3175



64.6951, 0.3338, 0.3402

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.



65.9074, 0.3283, 0.3454



65.9074, 0.2935, 0.3175



65.9074, 0.3310, 0.3320

Square

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



65.9074, 0.2935, 0.3175



65.9074, 0.3152, 0.3162



65.9074, 0.3323, 0.3401



65.9074, 0.3100, 0.3424

Rectangle

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



65.9074, 0.2935, 0.3175



65.9074, 0.3022, 0.3119



65.9074, 0.3323, 0.3401



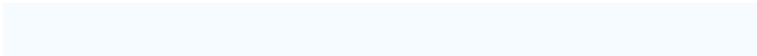
65.9074, 0.3232, 0.3466

Sweetspot

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



65.9101, 0.2935, 0.3175



95.8081, 0.3065, 0.3254



70.2276, 0.3050, 0.3499



20.3416, 0.3054, 0.3248



0.0000, 0.0000, 0.0000



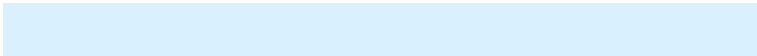
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9101, 0.2935, 0.3175



85.0233, 0.2893, 0.3148



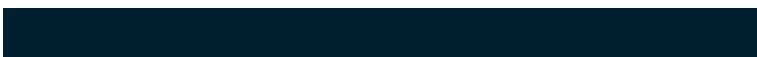
59.1963, 0.2931, 0.3014



14.7034, 0.2981, 0.3204



14.9298, 0.1911, 0.2077



1.2023, 0.1968, 0.2286

Inverse Universe

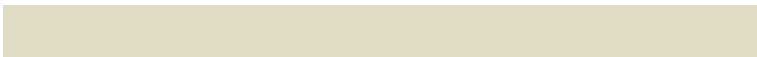
The Inverse Universe completely reimagines the original color for something new.



60.8662, 0.3215, 0.3092



77.1259, 0.3237, 0.3048



71.6565, 0.3318, 0.3552



13.8479, 0.3192, 0.3141



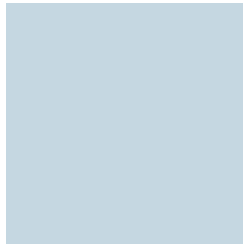
10.4152, 0.4366, 0.2179



0.7388, 0.4141, 0.2055

Previews

White Background



This preview shows how the Yxy color 65.9074, 0.2935, 0.3175 looks on a white background.

Color Contrast Check

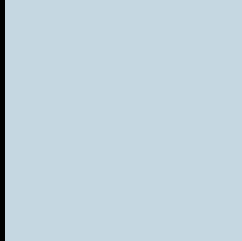
Large Text (above 18pt) WCAG AA × Fail

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 65.9074, 0.2935, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

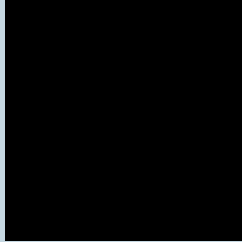
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

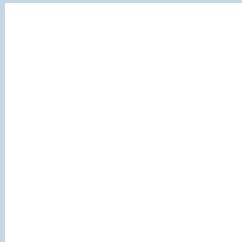
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9074, 0.2935, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 65.9074, 0.2935, 0.3175.



This preview shows how white text looks on a background with the Yxy color 65.9074, 0.2935, 0.3175.

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

65.9074, 0.2935, 0.3175

Protanopia

66.0086, 0.3067, 0.3167

Deuteranopia

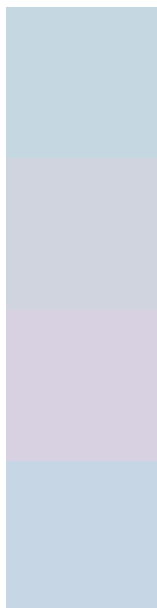
65.8574, 0.3130, 0.3063



Tritanopia

65.8684, 0.2904, 0.3097

Trichromacy



Original Color

65.9074, 0.2935, 0.3175

Protanomaly

65.6801, 0.3017, 0.3166

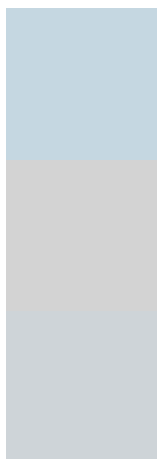
Deuteranomaly

65.5390, 0.3055, 0.3102

Tritanomaly

65.7560, 0.2916, 0.3119

Monochromacy



Original Color

65.9074, 0.2935, 0.3175

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1666, 0.3056, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9074, 0.2935, 0.3175 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(197, 215, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 225)  
}
```

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(197, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 225) }
```

Border

The CSS property to change the border of an element to Yxy 65.9074, 0.2935, 0.3175 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(197, 215, 225) }
```

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

```
.border{ border-color:rgb(197, 215, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9074, 0.2935, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 225) }
```

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

```
.background{ background-color: rgb(197,  
215, 225) }
```

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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