

Converting Colors

$Yxy(66.0560, 0.2973, 0.3271)$

Have a look what the booklet for
Yxy(66.0560, 0.2973, 0.3271)
contains.

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Color

Yxy(65.9095, 0.2972, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C4D8DA
RGB	196, 216, 218
RGB Percent	77%, 85%, 85%
CMY	0.2314, 0.1529, 0.1449
CMYK	0.10, 0.01, 0.00, 0.14
HSL	186°, 23%, 81%
HSV	186°, 10%, 86%
XYZ	59.9764, 65.9095, 75.9190
YIQ	210.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

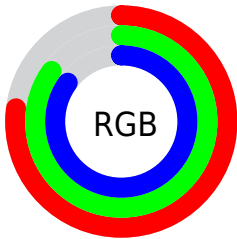
Format	Color
RYB	196, 206, 218
Decimal	12900570
CIELab	84.95, -6.27, -3.30
CIELCh	85, 7.082, 207.736
Yxy	65.9095, 0.2972, 0.3266
Android (android.graphics.Color)	4291090650 (0xFFC4D8DA)
YUV	210.2480, 3.8217, -12.4955
Hunter-Lab	81.1847, -10.2035, 1.3848

Details

The Yxy color **65.9095, 0.2972, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2944, 0.3302, 0.3314**, and the grayscale version is **64.6020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **33.8849, 0.2934, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **62.1723, 0.2825, 0.3240**, and if you desaturate by 10%, it is **70.0898, 0.3125, 0.3290**.

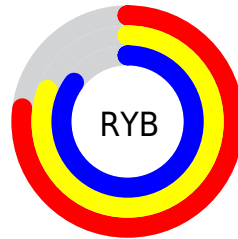
Distribution



Red (77%)

Green (85%)

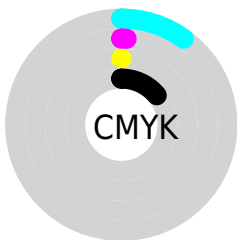
Blue (85%)



Red (77%)

Yellow (81%)

Blue (85%)

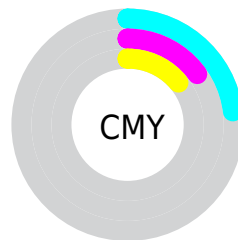


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (14%)



Cyan (23%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9095, 0.2972, 0.3266 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 65.9095, 0.2972, 0.3266 by changing the saturation by 10% instead.

■ 65.9095, 0.2972,
0.3266

■ 65.9095, 0.2972,
0.3266

446.0532, 0.3045,
0.3278

■ 48.1989, 0.2955,
0.3263

113.3564, 0.2997,
0.3270

■ 33.9845, 0.2934,
0.3259

143.8616, 0.3007,
0.3272

■ 22.8817, 0.2907,
0.3255

179.4004, 0.3016,
0.3273

■ 14.5061, 0.2872,
0.3248

220.3573, 0.3023,
0.3274

■ 8.4735, 0.2822,
0.3239

267.1166, 0.3030,
0.3275

■ 4.3994, 0.2750,
0.3224

320.0627, 0.3035,

■ 1.8994, 0.2632,

0.3276

0.3199

379.5801, 0.3040,
0.3277

0.5480, 0.2110,
0.3144

0.0000, 0.0000,
0.0000

65.9095, 0.2972,
0.3266

65.9095, 0.2972,
0.3266

62.1723, 0.2825,
0.3240

70.0898, 0.3125,
0.3290

58.8515, 0.2687,
0.3213

74.7221, 0.3282,
0.3311

55.9304, 0.2561,
0.3183

78.5921, 0.3392,
0.3331

53.3877, 0.2450,
0.3153

79.6687, 0.3389,
0.3351

■ 51.2001, 0.2356,
0.3121

■ 80.7581, 0.3386,
0.3371

■ 49.3417, 0.2280,
0.3089

■ 81.8605, 0.3383,
0.3391

■ 47.7830, 0.2225,
0.3057

■ 82.9757, 0.3380,
0.3411

■ 46.4888, 0.2187,
0.3025

■ 84.1038, 0.3377,
0.3431

■ 45.4080, 0.2165,
0.2995

■ 85.2450, 0.3375,
0.3451

Harmonies

Analogous

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



65.9095, 0.3028, 0.3346



65.9095, 0.2972, 0.3266



65.9095, 0.2957, 0.3194

Triad

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



65.9095, 0.2972, 0.3266



65.9095, 0.3142, 0.3173



65.9095, 0.3268, 0.3432

Complementary

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



65.9095, 0.2972, 0.3266



59.2944, 0.3302, 0.3314

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.



65.9095, 0.3300, 0.3383



65.9095, 0.2972, 0.3266



65.9095, 0.3227, 0.3234

Square

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



65.9095, 0.2972, 0.3266



65.9095, 0.3054, 0.3142



65.9095, 0.3285, 0.3311



65.9095, 0.3199, 0.3443

Rectangle

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



65.9095, 0.2972, 0.3266



65.9095, 0.2972, 0.3160



65.9095, 0.3285, 0.3311



65.9095, 0.3284, 0.3419

Sweetspot

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



65.9123, 0.2972, 0.3266



98.1278, 0.3080, 0.3283



65.9677, 0.3103, 0.3528



20.8984, 0.3068, 0.3281



0.0000, 0.0000, 0.0000



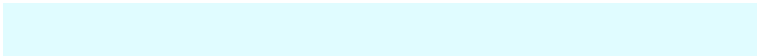
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9123, 0.2972, 0.3266



92.8611, 0.2942, 0.3261



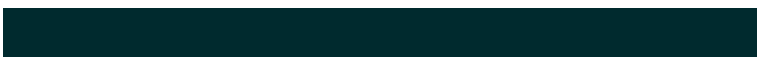
60.5439, 0.2971, 0.3139



14.6131, 0.2982, 0.3268



27.2765, 0.2167, 0.2999



1.8284, 0.2181, 0.3050

Inverse Universe

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



59.3424, 0.3154, 0.3065



81.8259, 0.3159, 0.3020



64.4249, 0.3289, 0.3436



13.2530, 0.3152, 0.3081



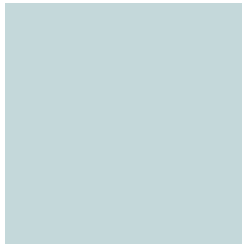
11.3773, 0.3455, 0.1677



0.7433, 0.3410, 0.1652

Previews

White Background



This preview shows how the Yxy color 65.9095, 0.2972, 0.3266 looks on a white background.

Color Contrast Check

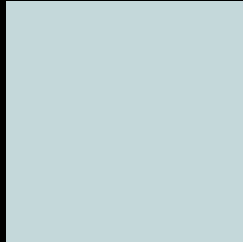
Large Text (above 18pt) WCAG AA × Fail

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 65.9095, 0.2972, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

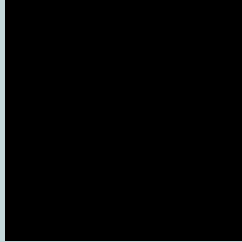
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

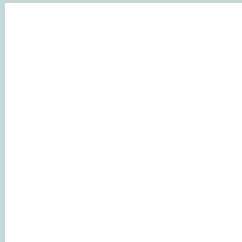
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9095, 0.2972, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 65.9095, 0.2972, 0.3266.

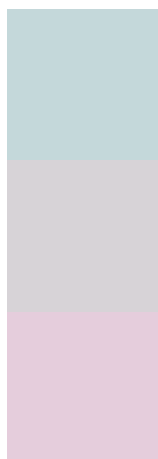


This preview shows how white text looks on a background with the Yxy color 65.9095, 0.2972, 0.3266.

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

65.9095, 0.2972, 0.3266

Protanopia

65.9419, 0.3129, 0.3245

Deuteranopia

65.4880, 0.3203, 0.3128



Tritanopia

65.8684, 0.2904, 0.3097

Trichromacy



Original Color

65.9095, 0.2972, 0.3266

Protanomaly

65.9563, 0.3071, 0.3256

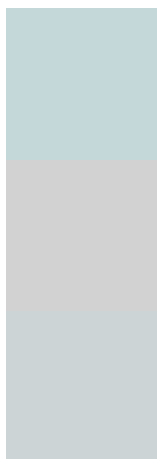
Deuteranomaly

65.4671, 0.3118, 0.3179

Tritanomaly

65.9622, 0.2929, 0.3164

Monochromacy



Original Color

65.9095, 0.2972, 0.3266

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8702, 0.3069, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9095, 0.2972, 0.3266 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(196, 216, 218)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 218)  
}
```

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(196, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 218) }
```

Border

The CSS property to change the border of an element to Yxy 65.9095, 0.2972, 0.3266 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(196, 216, 218) }
```

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

```
.border{ border-color:rgb(196, 216, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 216, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 216, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 216, 218);  
box-shadow:4px 4px 4px 4px rgb(196, 216,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9095, 0.2972, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 218) }
```

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

```
.background{ background-color: rgb(196,  
216, 218) }
```

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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