

Converting Colors

Yxy(63.8662, 0.2989, 0.3163)

Have a look what the booklet for
Yxy(63.8662, 0.2989, 0.3163)
contains.

Yxy(63.7312, 0.2988, 0.3164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.7312, 0.2988, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	C9D2DD
RGB	201, 210, 221
RGB Percent	79%, 82%, 87%
CMY	0.2117, 0.1765, 0.1335
CMYK	0.09, 0.05, 0.00, 0.13
HSL	213°, 23%, 83%
HSV	213°, 9%, 87%
XYZ	60.1861, 63.7312, 77.5087
YIQ	208.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

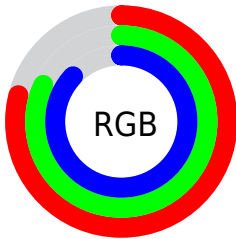
Format	Color
R_YB	201, 207, 221
Decimal	13226717
CIE Lab	83.83, -0.92, -6.46
CIE LCh	84, 6.530, 261.884
Yxy	63.7312, 0.2988, 0.3164
Android (android.graphics.Color)	4291416797 (0xFFC9D2DD)
YUV	208.5630, 6.1314, -6.6328
Hunter-Lab	79.8318, -5.1326, -1.6824

Details

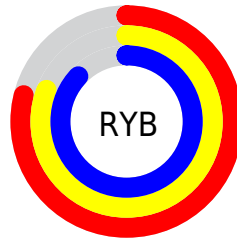
The Yxy color **63.7312, 0.2988, 0.3164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6656, 0.3271, 0.3413**, and the grayscale version is **63.4276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7332, 0.2953, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **55.1150, 0.2827, 0.3009**, and if you desaturate by 10%, it is **73.2487, 0.3142, 0.3303**.

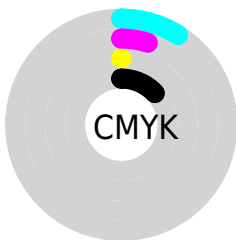
Distribution



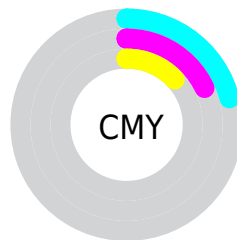
- Red (79%)
- Green (82%)
- Blue (87%)



- Red (79%)
- Yellow (81%)
- Blue (87%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7312, 0.2988, 0.3164 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 63.7312, 0.2988, 0.3164 by changing the saturation by 10% instead.

■ 63.7312, 0.2988,
0.3164

■ 63.7312, 0.2988,
0.3164

438.2183, 0.3054,
0.3224

■ 46.4330, 0.2973,
0.3150

110.2237, 0.3011,
0.3185

■ 32.5876, 0.2953,
0.3132

140.1868, 0.3020,
0.3193

■ 21.8107, 0.2929,
0.3110

175.1404, 0.3028,
0.3200

■ 13.7179, 0.2896,
0.3080

215.4688, 0.3034,
0.3206

■ 7.9247, 0.2850,
0.3038

261.5563, 0.3040,
0.3211

■ 4.0468, 0.2782,
0.2975

313.7875, 0.3045,

■ 1.6998, 0.2670,

0.3216

0.2871

372.5467, 0.3050,
0.3220

0.4235, 0.2214,
0.2467

0.0000, 0.0000,
0.0000

63.7312, 0.2988,
0.3164

63.7312, 0.2988,
0.3164

55.1150, 0.2827,
0.3009

73.2487, 0.3142,
0.3303

47.3633, 0.2660,
0.2837

83.6869, 0.3287,
0.3426

40.4483, 0.2492,
0.2649

92.6631, 0.3339,
0.3541

34.3376, 0.2326,
0.2448

97.9985, 0.3328,
0.3622

■ 28.9962, 0.2169,
0.2237

■ 24.3859, 0.2025,
0.2022

■ 20.4647, 0.1901,
0.1808

■ 17.1840, 0.1802,
0.1603

■ 14.4744, 0.1728,
0.1413

Harmonies

Analogous

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



63.7312, 0.2968, 0.3212



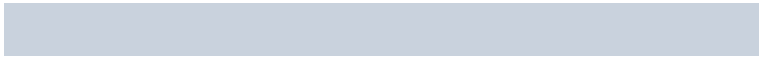
63.7312, 0.2988, 0.3164



63.7312, 0.3045, 0.3150

Triad

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



63.7312, 0.2988, 0.3164



63.7312, 0.3266, 0.3295



63.7312, 0.3128, 0.3412

Complementary

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



63.7312, 0.2988, 0.3164



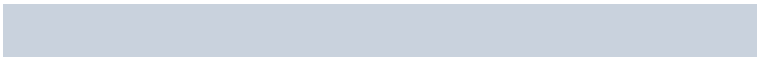
66.6656, 0.3271, 0.3413

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.



63.7312, 0.3209, 0.3434



63.7312, 0.2988, 0.3164



63.7312, 0.3289, 0.3365

Square

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



63.7312, 0.2988, 0.3164



63.7312, 0.3206, 0.3225



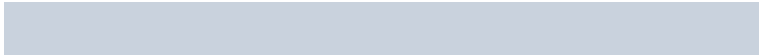
63.7312, 0.3268, 0.3416



63.7312, 0.3048, 0.3356

Rectangle

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



63.7312, 0.2988, 0.3164



63.7312, 0.3097, 0.3161



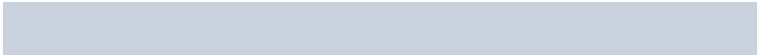
63.7312, 0.3268, 0.3416



63.7312, 0.3156, 0.3423

Sweetspot

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



63.7339, 0.2988, 0.3164



95.9235, 0.3081, 0.3249



68.8508, 0.3048, 0.3396



20.3026, 0.3069, 0.3238



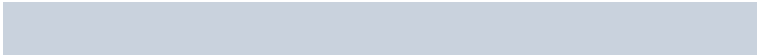
0.0000, 0.0000, 0.0000



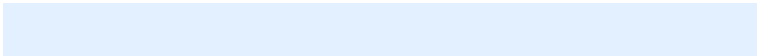
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7339, 0.2988, 0.3164



85.6146, 0.2955, 0.3133



59.5181, 0.2992, 0.3060



13.5777, 0.2982, 0.3158



8.4903, 0.1729, 0.1424



0.7205, 0.1816, 0.1737

Inverse Universe

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



61.8055, 0.3217, 0.3190



82.4370, 0.3240, 0.3166



71.1737, 0.3256, 0.3511



13.1485, 0.3222, 0.3185



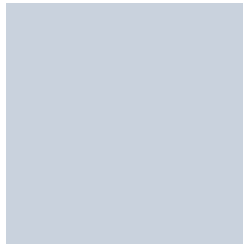
9.4809, 0.5159, 0.2616



0.6314, 0.4761, 0.2396

Previews

White Background



This preview shows how the Yxy color 63.7312, 0.2988, 0.3164 looks on a white background.

Color Contrast Check

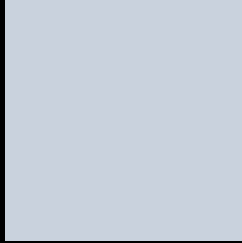
Large Text (above 18pt) WCAG AA × Fail

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 63.7312, 0.2988, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

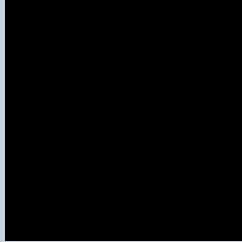
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

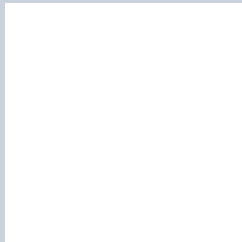
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7312, 0.2988, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 63.7312, 0.2988, 0.3164.

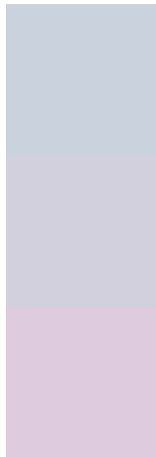


This preview shows how white text looks on a background with the Yxy color 63.7312, 0.2988, 0.3164.

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

63.7312, 0.2988, 0.3164

Protanopia

63.8344, 0.3052, 0.3154

Deuteranopia

63.6738, 0.3145, 0.3082



Tritanopia

63.6485, 0.2962, 0.3096

Trichromacy



Original Color

63.7312, 0.2988, 0.3164

Protanomaly

63.8900, 0.3030, 0.3165

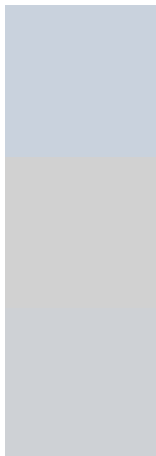
Deuteranomaly

63.8636, 0.3083, 0.3112

Tritanomaly

63.5393, 0.2975, 0.3119

Monochromacy



Original Color

63.7312, 0.2988, 0.3164

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5268, 0.3077, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7312, 0.2988, 0.3164 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(201, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 221)  
}
```

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(201, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 221) }
```

Border

The CSS property to change the border of an element to Yxy 63.7312, 0.2988, 0.3164 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(201, 210, 221) }
```

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

```
.border{ border-color:rgb(201, 210, 221) }
```

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

Here you see how a box with a 4 pixel rgb(201, 210, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7312, 0.2988, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 221) }
```

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

```
.background{ background-color: rgb(201,  
210, 221) }
```

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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