

Converting Colors

Yxy(63.6459, 0.2971, 0.3150)

Have a look what the booklet for
Yxy(63.6459, 0.2971, 0.3150)
contains.

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Color

Yxy(63.6465, 0.2974, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	C8D2DE
RGB	200, 210, 222
RGB Percent	78%, 82%, 87%
CMY	0.2156, 0.1765, 0.1294
CMYK	0.10, 0.05, 0.00, 0.13
HSL	213°, 25%, 83%
HSV	213°, 10%, 87%
XYZ	60.0522, 63.6465, 78.2254
YIQ	208.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

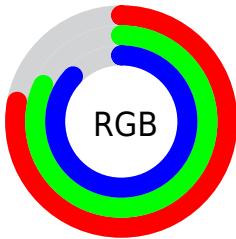
Format	Color
R _Y B	200, 207, 222
Decimal	13161182
CIE Lab	83.78, -1.05, -7.09
CIE LCh	84, 7.167, 261.578
Yxy	63.6465, 0.2974, 0.3152
Android (android.graphics.Color)	4291351262 (0xFFC8D2DE)
YUV	208.3780, 6.7156, -7.3475
Hunter-Lab	79.7788, -5.2497, -2.2905

Details

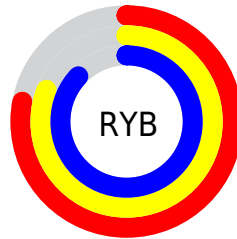
The Yxy color **63.6465, 0.2974, 0.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7903, 0.3286, 0.3424**, and the grayscale version is **63.2972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6779, 0.2935, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **55.0549, 0.2812, 0.2996**, and if you desaturate by 10%, it is **73.1399, 0.3129, 0.3291**.

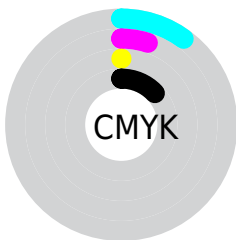
Distribution



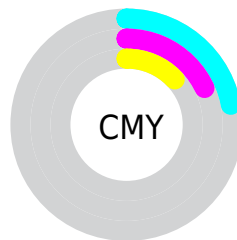
- Red (78%)
- Green (82%)
- Blue (87%)



- Red (78%)
- Yellow (81%)
- Blue (87%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6465, 0.2974, 0.3152 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 63.6465, 0.2974, 0.3152 by changing the saturation by 10% instead.

■ 63.6465, 0.2974,
0.3152

■ 63.6465, 0.2974,
0.3152

437.9120, 0.3046,
0.3218

■ 46.3644, 0.2957,
0.3137

110.1017, 0.2999,
0.3175

■ 32.5335, 0.2936,
0.3117

140.0436, 0.3009,
0.3184

■ 21.7693, 0.2909,
0.3093

174.9742, 0.3018,
0.3192

■ 13.6875, 0.2873,
0.3060

215.2779, 0.3025,
0.3198

■ 7.9036, 0.2823,
0.3014

261.3392, 0.3031,
0.3204

■ 4.0333, 0.2748,
0.2945

313.5423, 0.3037,

■ 1.6922, 0.2625,

0.3209

0.2831

372.2718, 0.3042,
0.3213

0.4186, 0.2137,
0.2403

0.0000, 0.0000,
0.0000

63.6465, 0.2974,
0.3152

63.6465, 0.2974,
0.3152

55.0549, 0.2812,
0.2996

73.1399, 0.3129,
0.3291

47.3281, 0.2646,
0.2824

83.5547, 0.3274,
0.3415

40.4380, 0.2478,
0.2637

92.6507, 0.3333,
0.3529

34.3518, 0.2313,
0.2437

98.0539, 0.3321,
0.3611

■ 29.0343, 0.2157,
0.2227

■ 24.4468, 0.2015,
0.2013

■ 20.5465, 0.1894,
0.1801

■ 17.2841, 0.1798,
0.1598

■ 14.5824, 0.1725,
0.1410

Harmonies

Analogous

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



63.6465, 0.2953, 0.3205



63.6465, 0.2974, 0.3152



63.6465, 0.3036, 0.3136

Triad

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



63.6465, 0.2974, 0.3152



63.6465, 0.3280, 0.3295



63.6465, 0.3129, 0.3424

Complementary

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



63.6465, 0.2974, 0.3152



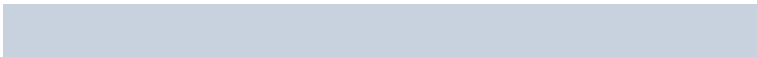
66.7903, 0.3286, 0.3424

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.



63.6465, 0.3217, 0.3448



63.6465, 0.2974, 0.3152



63.6465, 0.3305, 0.3372

Square

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



63.6465, 0.2974, 0.3152



63.6465, 0.3213, 0.3218



63.6465, 0.3282, 0.3428



63.6465, 0.3041, 0.3363

Rectangle

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



63.6465, 0.2974, 0.3152



63.6465, 0.3093, 0.3148



63.6465, 0.3282, 0.3428



63.6465, 0.3160, 0.3437

Sweetspot

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



63.6492, 0.2974, 0.3152



95.9438, 0.3081, 0.3250



69.2630, 0.3040, 0.3407



20.3080, 0.3069, 0.3239



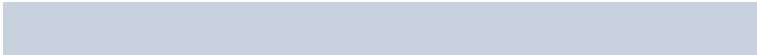
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



63.6492, 0.2974, 0.3152



84.4585, 0.2939, 0.3119



58.9692, 0.2978, 0.3035



14.2642, 0.2981, 0.3159



8.8637, 0.1732, 0.1435



0.7916, 0.1814, 0.1730

Inverse Universe

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



61.4960, 0.3226, 0.3179



80.9776, 0.3251, 0.3153



71.8266, 0.3269, 0.3533



13.8036, 0.3221, 0.3184



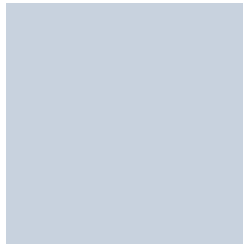
9.8028, 0.5144, 0.2607



0.6974, 0.4770, 0.2401

Previews

White Background



This preview shows how the Yxy color 63.6465, 0.2974, 0.3152 looks on a white background.

Color Contrast Check

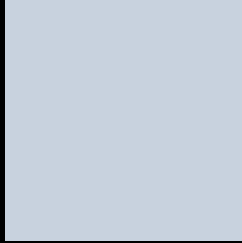
Large Text (above 18pt) WCAG AA × Fail

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 63.6465, 0.2974, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

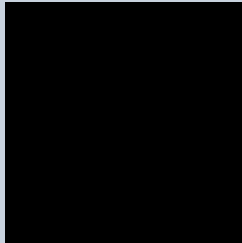
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

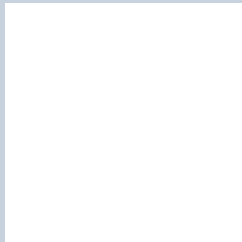
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6465, 0.2974, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 63.6465, 0.2974, 0.3152.

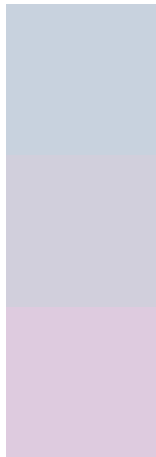


This preview shows how white text looks on a background with the Yxy color 63.6465, 0.2974, 0.3152.

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

63.6465, 0.2974, 0.3152

Protanopia

63.3483, 0.3052, 0.3143

Deuteranopia

63.5692, 0.3130, 0.3070



Tritanopia

63.5094, 0.2955, 0.3096

Trichromacy



Original Color

63.6465, 0.2974, 0.3152

Protanomaly

63.4540, 0.3024, 0.3142

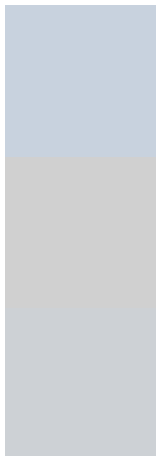
Deuteranomaly

63.7665, 0.3069, 0.3100

Tritanomaly

63.4547, 0.2961, 0.3107

Monochromacy



Original Color

63.6465, 0.2974, 0.3152

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3842, 0.3070, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6465, 0.2974, 0.3152 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(200, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 222)  
}
```

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(200, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 222) }
```

Border

The CSS property to change the border of an element to Yxy 63.6465, 0.2974, 0.3152 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(200, 210, 222) }
```

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

```
.border{ border-color:rgb(200, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6465, 0.2974, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 222) }
```

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

```
.background{ background-color: rgb(200,  
210, 222) }
```

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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