

Converting Colors

$Y_{xy}(63.7955, 0.2955, 0.3254)$

Have a look what the booklet for
Yxy(63.7955, 0.2955, 0.3254)
contains.

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Color

Yxy(63.7528, 0.2957, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C0D5D8
RGB	192, 213, 216
RGB Percent	75%, 84%, 85%
CMY	0.2470, 0.1647, 0.1528
CMYK	0.11, 0.01, 0.00, 0.15
HSL	188°, 24%, 80%
HSV	188°, 11%, 85%
XYZ	57.9339, 63.7528, 74.2346
YIQ	207.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

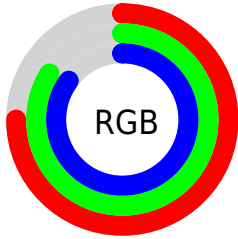
Format	Color
R _{YB}	192, 203, 216
Decimal	12637656
CIE Lab	83.84, -6.39, -3.89
CIE LCh	84, 7.487, 211.342
Yxy	63.7528, 0.2957, 0.3254
Android (android.graphics.Color)	4290827736 (0xFFC0D5D8)
YUV	207.0630, 4.4059, -13.2103
Hunter-Lab	79.8454, -10.2139, 0.7681

Details

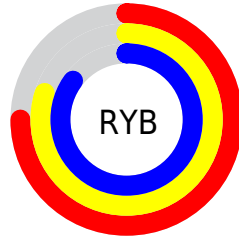
The Yxy color **63.7528, 0.2957, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4644, 0.3320, 0.3326**, and the grayscale version is **62.4218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **32.4302, 0.2914, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **59.7785, 0.2809, 0.3219**, and if you desaturate by 10%, it is **68.1694, 0.3110, 0.3287**.

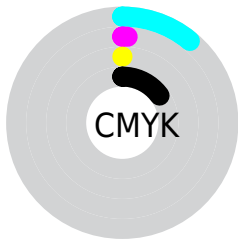
Distribution



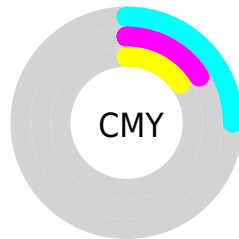
- Red (75%)
- Green (84%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7528, 0.2957, 0.3254 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 63.7528, 0.2957, 0.3254 by changing the saturation by 10% instead.

■ 63.7528, 0.2957,
0.3254

■ 63.7528, 0.2957,
0.3254

438.2964, 0.3037,
0.3272

■ 46.4505, 0.2938,
0.3250

■ 110.2549, 0.2985,
0.3260

■ 32.6015, 0.2915,
0.3244

140.2234, 0.2996,
0.3263

■ 21.8213, 0.2885,
0.3237

175.1828, 0.3005,
0.3265

■ 13.7257, 0.2845,
0.3228

215.5174, 0.3013,
0.3267

■ 7.9301, 0.2790,
0.3214

261.6117, 0.3021,
0.3268

■ 4.0503, 0.2707,
0.3192

313.8500, 0.3027,

■ 1.7017, 0.2572,

0.3269

0.3154

372.6168, 0.3032,
0.3271

0.4248, 0.1760,
0.3019

0.0000, 0.0000,
0.0000

63.7528, 0.2957,
0.3254

63.7528, 0.2957,
0.3254

59.7785, 0.2809,
0.3219

68.1694, 0.3110,
0.3287

56.2205, 0.2670,
0.3180

73.0373, 0.3266,
0.3316

53.0619, 0.2543,
0.3140

78.0260, 0.3408,
0.3343

50.2820, 0.2429,
0.3098

79.4794, 0.3403,
0.3370

■ 47.8575, 0.2333,
0.3054

■ 80.9563, 0.3399,
0.3397

■ 45.7628, 0.2255,
0.3009

■ 82.4568, 0.3395,
0.3424

■ 43.9684, 0.2197,
0.2965

■ 83.9810, 0.3391,
0.3451

■ 42.4394, 0.2157,
0.2921

■ 85.5291, 0.3387,
0.3478

■ 41.2489, 0.2134,
0.2882

■ 87.1011, 0.3383,
0.3504

Harmonies

Analogous

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



63.7528, 0.3012, 0.3340



63.7528, 0.2957, 0.3254



63.7528, 0.2947, 0.3179

Triad

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



63.7528, 0.2957, 0.3254



63.7528, 0.3155, 0.3172



63.7528, 0.3271, 0.3446

Complementary

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



63.7528, 0.2957, 0.3254



57.4644, 0.3320, 0.3326

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.



63.7528, 0.3311, 0.3398



63.7528, 0.2957, 0.3254



63.7528, 0.3243, 0.3240

Square

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



63.7528, 0.2957, 0.3254



63.7528, 0.3060, 0.3134



63.7528, 0.3301, 0.3322



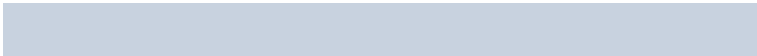
63.7528, 0.3193, 0.3452

Rectangle

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



63.7528, 0.2957, 0.3254



63.7528, 0.2967, 0.3146



63.7528, 0.3301, 0.3322



63.7528, 0.3289, 0.3434

Sweetspot

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



63.7555, 0.2957, 0.3254



97.9632, 0.3080, 0.3281



64.2670, 0.3095, 0.3543



20.8538, 0.3068, 0.3278



0.0000, 0.0000, 0.0000



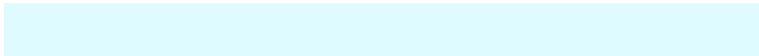
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7555, 0.2957, 0.3254



91.6048, 0.2927, 0.3247



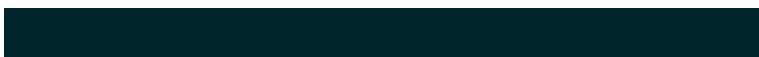
58.0472, 0.2955, 0.3114



13.8278, 0.2983, 0.3260



24.5187, 0.2136, 0.2889



1.5554, 0.2157, 0.2964

Inverse Universe

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



57.1168, 0.3163, 0.3052



80.3763, 0.3170, 0.3008



62.9509, 0.3304, 0.3460



12.6045, 0.3157, 0.3089



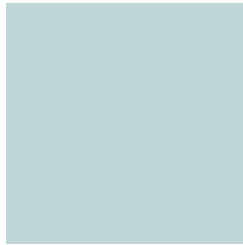
10.8200, 0.3554, 0.1731



0.6603, 0.3486, 0.1694

Previews

White Background



This preview shows how the Yxy color 63.7528, 0.2957, 0.3254 looks on a white background.

Color Contrast Check

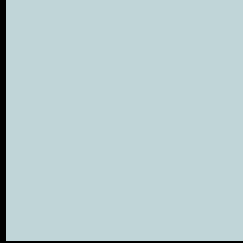
Large Text (above 18pt) WCAG AA × Fail

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 63.7528, 0.2957, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

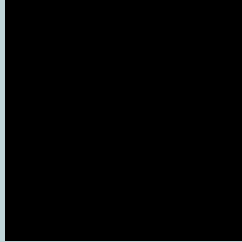
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

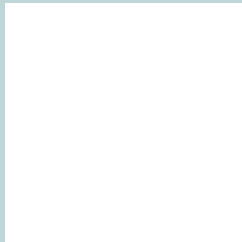
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7528, 0.2957, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 63.7528, 0.2957, 0.3254.

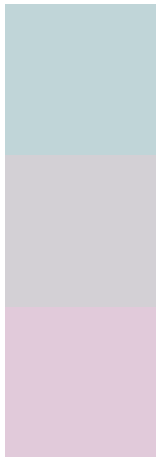


This preview shows how white text looks on a background with the Yxy color 63.7528, 0.2957, 0.3254.

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

63.7528, 0.2957, 0.3254

Protanopia

63.7647, 0.3115, 0.3233

Deuteranopia

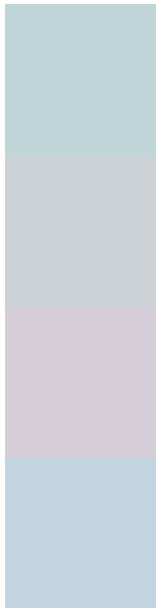
63.3106, 0.3189, 0.3115



Tritanopia

63.6593, 0.2894, 0.3094

Trichromacy



Original Color

63.7528, 0.2957, 0.3254

Protanomaly

63.7856, 0.3056, 0.3244

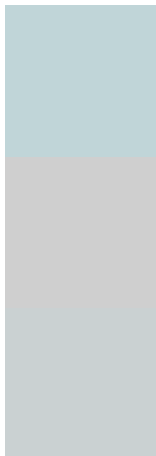
Deuteranomaly

63.2985, 0.3103, 0.3166

Tritanomaly

63.8062, 0.2913, 0.3151

Monochromacy



Original Color

63.7528, 0.2957, 0.3254

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8106, 0.3068, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7528, 0.2957, 0.3254 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(192, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 213, 216)  
}
```

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(192, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 63.7528, 0.2957, 0.3254 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(192, 213, 216) }
```

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

```
.border{ border-color:rgb(192, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(192, 213,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7528, 0.2957, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 213, 216) }
```

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

```
.background{ background-color: rgb(192,  
213, 216) }
```

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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