

Converting Colors

$Yxy(62.9765, 0.2976, 0.3275)$

Have a look what the booklet for
Yxy(62.9765, 0.2976, 0.3275)
contains.

Yxy(63.0975, 0.2976, 0.3278)	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(63.0975, 0.2976, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C0D4D5
RGB	192, 212, 213
RGB Percent	75%, 83%, 84%
CMY	0.2472, 0.1686, 0.1647
CMYK	0.10, 0.00, 0.00, 0.16
HSL	183°, 20%, 79%
HSV	183°, 10%, 84%
XYZ	57.2844, 63.0975, 72.1059
YIQ	206.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

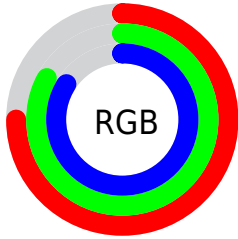
Format	Color
RYB	192, 202, 213
Decimal	12637397
CIELab	83.49, -6.51, -2.79
CIElCh	83, 7.077, 203.193
Yxy	63.0975, 0.2976, 0.3278
Android (android.graphics.Color)	4290827477 (0xFFC0D4D5)
YUV	206.1340, 3.3849, -12.3955
Hunter-Lab	79.4339, -10.2828, 1.7834

Details

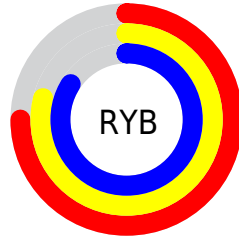
The Yxy color **63.0975, 0.2976, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0651, 0.3299, 0.3302**, and the grayscale version is **61.7932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **31.9858, 0.2938, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **60.0241, 0.2830, 0.3265**, and if you desaturate by 10%, it is **66.5816, 0.3129, 0.3290**.

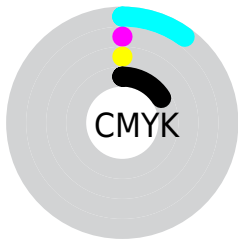
Distribution



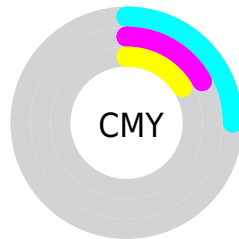
- Red (75%)
- Green (83%)
- Blue (84%)



- Red (75%)
- Yellow (79%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0975, 0.2976, 0.3278 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 63.0975, 0.2976, 0.3278 by changing the saturation by 10% instead.

■ 63.0975, 0.2976,
0.3278

■ 63.0975, 0.2976,
0.3278

435.9232, 0.3048,
0.3284

■ 45.9201, 0.2959,
0.3276

■ 109.3102, 0.3001,
0.3280

■ 32.1828, 0.2938,
0.3274

139.1142, 0.3011,
0.3281

■ 21.5011, 0.2911,
0.3272

173.8959, 0.3019,
0.3282

■ 13.4908, 0.2876,
0.3268

214.0397, 0.3026,
0.3282

■ 7.7674, 0.2826,
0.3262

259.9299, 0.3033,
0.3283

■ 3.9465, 0.2751,
0.3253

311.9510, 0.3038,

■ 1.6437, 0.2628,

0.3283

370.4873, 0.3043,
0.3284

0.3236

0.3868, 0.1723,
0.3192

0.0000, 0.0000,
0.0000

63.0975, 0.2976,
0.3278

63.0975, 0.2976,
0.3278

60.0241, 0.2830,
0.3265

66.5816, 0.3129,
0.3290

57.3361, 0.2695,
0.3251

70.4846, 0.3287,
0.3301

55.0179, 0.2572,
0.3236

74.6603, 0.3439,
0.3311

53.0495, 0.2466,
0.3221

75.1671, 0.3438,
0.3321

■ 51.4089, 0.2377,
0.3205

■ 75.6770, 0.3436,
0.3331

■ 50.0718, 0.2307,
0.3189

■ 76.1900, 0.3434,
0.3341

■ 49.0105, 0.2257,
0.3174

■ 76.7060, 0.3433,
0.3351

■ 48.1921, 0.2224,
0.3158

■ 77.2252, 0.3431,
0.3361

■ 47.5577, 0.2207,
0.3143

■ 77.7474, 0.3429,
0.3371

Harmonies

Analogous

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



63.0975, 0.3038, 0.3359



63.0975, 0.2976, 0.3278



63.0975, 0.2954, 0.3202

Triad

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



63.0975, 0.2976, 0.3278



63.0975, 0.3128, 0.3164



63.0975, 0.3278, 0.3429

Complementary

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



63.0975, 0.2976, 0.3278



56.0651, 0.3299, 0.3302

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.



63.0975, 0.3303, 0.3375



63.0975, 0.2976, 0.3278



63.0975, 0.3216, 0.3223

Square

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



63.0975, 0.2976, 0.3278



63.0975, 0.3041, 0.3138



63.0975, 0.3281, 0.3299



63.0975, 0.3212, 0.3446

Rectangle

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



63.0975, 0.2976, 0.3278



63.0975, 0.2965, 0.3165



63.0975, 0.3281, 0.3299



63.0975, 0.3292, 0.3414

Sweetspot

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



63.1001, 0.2976, 0.3278



98.3507, 0.3080, 0.3286



62.6230, 0.3111, 0.3535



20.9588, 0.3068, 0.3285



0.0000, 0.0000, 0.0000



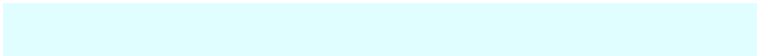
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1001, 0.2976, 0.3278



93.7452, 0.2942, 0.3275



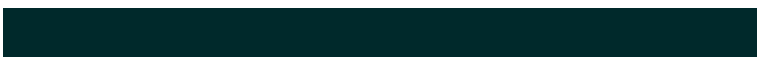
58.1431, 0.2975, 0.3156



14.0040, 0.2983, 0.3279



29.0904, 0.2207, 0.3145



1.7858, 0.2214, 0.3171

Inverse Universe

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



56.5836, 0.3146, 0.3060



81.9151, 0.3150, 0.3007



60.7469, 0.3285, 0.3421



12.6222, 0.3145, 0.3071



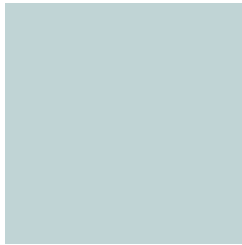
11.2815, 0.3329, 0.1607



0.6836, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 63.0975, 0.2976, 0.3278 looks on a white background.

Color Contrast Check

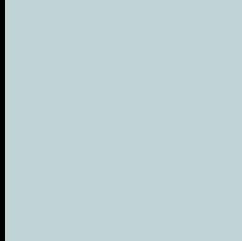
Large Text (above 18pt) WCAG AA × Fail

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 63.0975, 0.2976, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

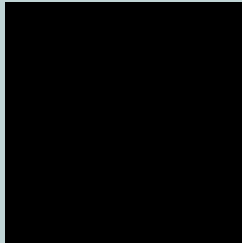
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

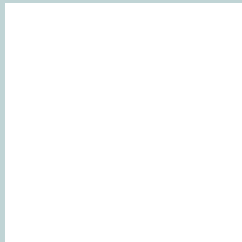
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0975, 0.2976, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 63.0975, 0.2976, 0.3278.

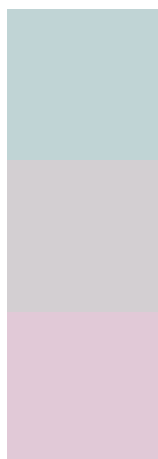


This preview shows how white text looks on a background with the Yxy color 63.0975, 0.2976, 0.3278.

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

63.0975, 0.2976, 0.3278

Protanopia

63.1277, 0.3136, 0.3256

Deuteranopia

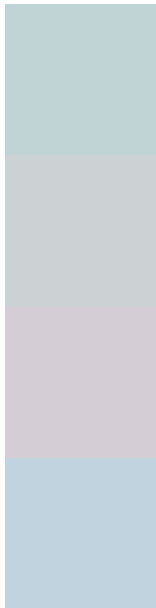
62.6871, 0.3212, 0.3136



Tritanopia

63.1086, 0.2900, 0.3093

Trichromacy



Original Color

63.0975, 0.2976, 0.3278

Protanomaly

63.1414, 0.3076, 0.3267

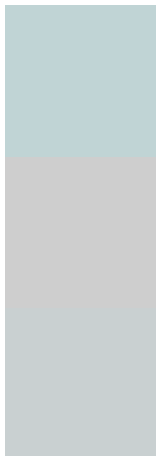
Deuteranomaly

62.6638, 0.3124, 0.3188

Tritanomaly

63.1999, 0.2925, 0.3162

Monochromacy



Original Color

63.0975, 0.2976, 0.3278

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1327, 0.3068, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0975, 0.2976, 0.3278 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, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 213)  
}
```

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, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.0975, 0.2976, 0.3278 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, 212, 213) }
```

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

```
.border{ border-color:rgb(192, 212, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0975, 0.2976, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 213) }
```

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

```
.background{ background-color: rgb(192,  
212, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor