

Converting Colors

Yxy(63.1389, 0.2912, 0.3335)

Have a look what the booklet for
Yxy(63.1389, 0.2912, 0.3335)
contains.

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Color

Yxy(63.1278, 0.2914, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	B5D7D3
RGB	181, 215, 211
RGB Percent	71%, 84%, 83%
CMY	0.2900, 0.1569, 0.1725
CMYK	0.16, 0.00, 0.02, 0.16
HSL	173°, 30%, 78%
HSV	173°, 16%, 84%
XYZ	55.1257, 63.1278, 70.9218
YIQ	204.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

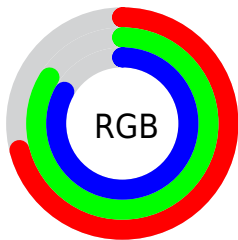
Format	Color
RYB	181, 199, 215
Decimal	11917267
CIELab	83.51, -11.95, -1.80
CIELCh	84, 12.082, 188.569
Yxy	63.1278, 0.2914, 0.3337
Android (android.graphics.Color)	4290107347 (0xFFB5D7D3)
YUV	204.3780, 3.2646, -20.5025
Hunter-Lab	79.4530, -15.1968, 2.6933

Details

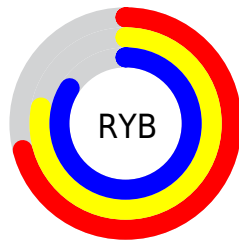
The Yxy color **63.1278, 0.2914, 0.3337** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0191, 0.3390, 0.3244**, and the grayscale version is **60.6309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **32.1651, 0.2859, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **60.6028, 0.2789, 0.3370**, and if you desaturate by 10%, it is **66.0610, 0.3047, 0.3306**.

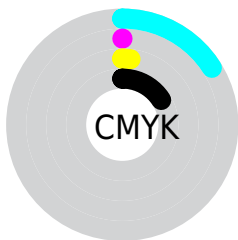
Distribution



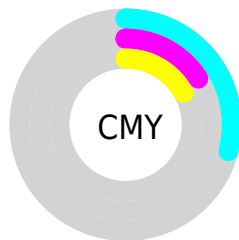
- Red (71%)
- Green (84%)
- Blue (83%)



- Red (71%)
- Yellow (78%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1278, 0.2914, 0.3337 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 63.1278, 0.2914, 0.3337 by changing the saturation by 10% instead.


 63.1278, 0.2914,
0.3337

 63.1278, 0.2914,
0.3337


436.0332, 0.3015,
0.3315

 45.9446, 0.2890,
0.3342


 109.3539, 0.2949,
0.3329

 32.2021, 0.2861,
0.3348


139.1655, 0.2963,
0.3327

 21.5159, 0.2823,
0.3356


173.9555, 0.2975,
0.3324

 13.5016, 0.2773,
0.3366

214.1081, 0.2985,
0.3322

 7.7749, 0.2702,
0.3380

260.0078, 0.2994,
0.3320

 3.9512, 0.2598,
0.3400

312.0389, 0.3002,

 1.6463, 0.2425,

0.3318

370.5859, 0.3009,
0.3317

0.3430

0.3885, 0.0765,
0.3828

0.0000, 0.0000,
0.0000

63.1278, 0.2914,
0.3337

63.1278, 0.2914,
0.3337

60.6028, 0.2789,
0.3370

66.0610, 0.3047,
0.3306

58.4600, 0.2676,
0.3406

69.4118, 0.3186,
0.3279

56.6820, 0.2577,
0.3444

73.1990, 0.3328,
0.3254

55.2475, 0.2494,
0.3483

75.0802, 0.3381,
0.3229

■ 54.1326, 0.2430,
0.3523

■ 75.2153, 0.3363,
0.3204

■ 53.3105, 0.2385,
0.3564

■ 75.3523, 0.3345,
0.3179

■ 52.7499, 0.2359,
0.3605

■ 75.4914, 0.3327,
0.3154

■ 52.4123, 0.2351,
0.3645

■ 75.6325, 0.3309,
0.3129

■ 52.3074, 0.2351,
0.3662

■ 75.7756, 0.3291,
0.3105

Harmonies

Analogous

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



63.1278, 0.3043, 0.3467



63.1278, 0.2914, 0.3337



63.1278, 0.2843, 0.3197

Triad

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



63.1278, 0.2914, 0.3337



63.1278, 0.3053, 0.3049



63.1278, 0.3417, 0.3486

Complementary

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



63.1278, 0.2914, 0.3337



51.0191, 0.3390, 0.3244

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.



63.1278, 0.3421, 0.3371



63.1278, 0.2914, 0.3337



63.1278, 0.3208, 0.3123

Square

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



63.1278, 0.2914, 0.3337



63.1278, 0.2921, 0.3035



63.1278, 0.3343, 0.3239



63.1278, 0.3334, 0.3552

Rectangle

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



63.1278, 0.2914, 0.3337



63.1278, 0.2836, 0.3119



63.1278, 0.3343, 0.3239



63.1278, 0.3427, 0.3452

Sweetspot

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



63.1304, 0.2914, 0.3337



97.5659, 0.3057, 0.3304



62.3207, 0.3140, 0.3707



20.8126, 0.3048, 0.3306



0.0000, 0.0000, 0.0000



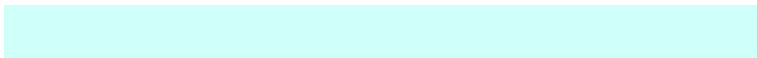
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1304, 0.2914, 0.3337



91.5813, 0.2870, 0.3348



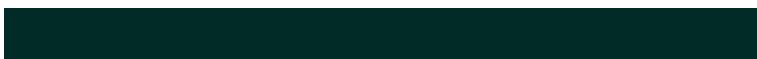
57.2343, 0.2883, 0.3138



14.0817, 0.2998, 0.3317



31.2996, 0.2349, 0.3656



1.8951, 0.2329, 0.3586

Inverse Universe

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



51.0191, 0.3390, 0.3244



70.4321, 0.3459, 0.3233



56.1442, 0.3401, 0.3437



12.4442, 0.3273, 0.3263



8.6915, 0.6248, 0.3216



0.5323, 0.5887, 0.3017

Previews

White Background



This preview shows how the Yxy color 63.1278, 0.2914, 0.3337 looks on a white background.

Color Contrast Check

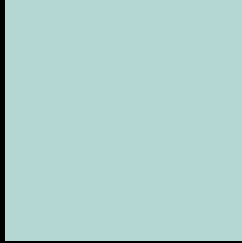
Large Text (above 18pt) WCAG AA × Fail

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 63.1278, 0.2914, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

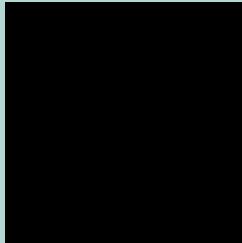
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

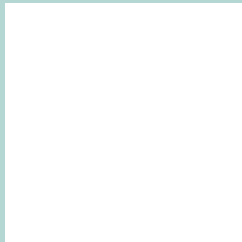
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1278, 0.2914, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 63.1278, 0.2914, 0.3337.



This preview shows how white text looks on a background with the Yxy color 63.1278, 0.2914, 0.3337.

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

63.1278, 0.2914, 0.3337

Protanopia

63.0789, 0.3172, 0.3302

Deuteranopia

62.6359, 0.3219, 0.3147



Tritanopia

62.9345, 0.2821, 0.3091

Trichromacy



Original Color

63.1278, 0.2914, 0.3337

Protanomaly

63.0648, 0.3074, 0.3313

Deuteranomaly

62.5020, 0.3101, 0.3210

Tritanomaly

62.9297, 0.2858, 0.3183

Monochromacy



Original Color

63.1278, 0.2914, 0.3337

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3525, 0.3045, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1278, 0.2914, 0.3337 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(181, 215, 211)` looks like.

```
.text, #text, p{  
    color:rgb(181, 215, 211)  
}
```

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(181, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 215, 211) }
```

Border

The CSS property to change the border of an element to Yxy 63.1278, 0.2914, 0.3337 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(181, 215, 211) }
```

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

```
.border{ border-color:rgb(181, 215, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(181, 215,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1278, 0.2914, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 215, 211) }
```

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

```
.background{ background-color: rgb(181,  
215, 211) }
```

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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