

Converting Colors

$Yxy(62.5175, 0.2986, 0.3332)$

Have a look what the booklet for
Yxy(62.5175, 0.2986, 0.3332)
contains.

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Color

Yxy(62.4599, 0.2988, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	BDD4D0
RGB	189, 212, 208
RGB Percent	74%, 83%, 82%
CMY	0.2586, 0.1687, 0.1843
CMYK	0.11, 0.00, 0.02, 0.17
HSL	170°, 21%, 79%
HSV	170°, 11%, 83%
XYZ	55.9275, 62.4599, 68.7864
YIQ	204.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

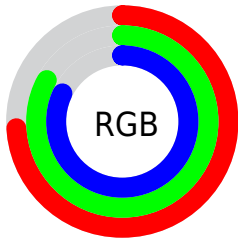
Format	Color
RYB	189, 202, 212
Decimal	12440784
CIELab	83.16, -8.42, -0.65
CIELCh	83, 8.442, 184.413
Yxy	62.4599, 0.2988, 0.3337
Android (android.graphics.Color)	4290630864 (0xFFBDD4D0)
YUV	204.6670, 1.6432, -13.7400
Hunter-Lab	79.0316, -11.9878, 3.7181

Details

The Yxy color `62.4599, 0.2988, 0.3337` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `54.2716, 0.3287, 0.3244`, and the grayscale version is `60.8314, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.1525, 0.3066, 0.3290`, and `31.6813, 0.2954, 0.3337` is the 20% darker color. If you saturate the color by 10%, you get `59.7664, 0.2866, 0.3385`, and if you desaturate by 10%, it is `65.5592, 0.3117, 0.3293`.

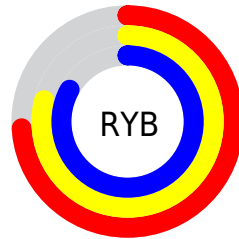
Distribution



Red (74%)

Green (83%)

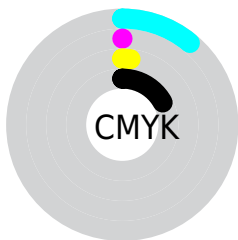
Blue (82%)



Red (74%)

Yellow (79%)

Blue (83%)

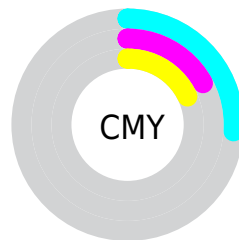


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (17%)



Cyan (26%)


Magenta (17%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4599, 0.2988, 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 62.4599, 0.2988, 0.3337 by changing the saturation by 10% instead.


 62.4599, 0.2988,
0.3337

 62.4599, 0.2988,
0.3337


433.6067, 0.3054,
0.3315

 45.4044, 0.2972,
0.3342


 108.3899, 0.3011,
0.3329

 31.7761, 0.2953,
0.3349


138.0333, 0.3020,
0.3326

 21.1905, 0.2928,
0.3357


172.6414, 0.3028,
0.3324

 13.2633, 0.2894,
0.3368

212.5986, 0.3035,
0.3321

 7.6101, 0.2848,
0.3383

258.2893, 0.3040,
0.3320

 3.8465, 0.2777,
0.3406

310.0980, 0.3046,

 1.5881, 0.2659,

0.3318

0.3444

368.4090, 0.3050,
0.3316

0.3495, 0.1405,
0.3874

0.0000, 0.0000,
0.0000

62.4599, 0.2988,
0.3337

62.4599, 0.2988,
0.3337

59.7664, 0.2866,
0.3385

65.5592, 0.3117,
0.3293

57.4536, 0.2753,
0.3437

69.0724, 0.3249,
0.3254

55.5057, 0.2651,
0.3492

73.0174, 0.3382,
0.3219

53.9029, 0.2565,
0.3551

73.6540, 0.3373,
0.3182

■ 52.6233, 0.2496,
0.3611

■ 73.8545, 0.3346,
0.3146

■ 51.6425, 0.2445,
0.3673

■ 74.0592, 0.3320,
0.3109

■ 50.9327, 0.2414,
0.3736

■ 74.2684, 0.3294,
0.3073

■ 50.4607, 0.2402,
0.3799

■ 74.4820, 0.3268,
0.3037

■ 50.1827, 0.2404,
0.3855

■ 74.6999, 0.3242,
0.3002

Harmonies

Analogous

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



62.4599, 0.3083, 0.3423



62.4599, 0.2988, 0.3337



62.4599, 0.2931, 0.3239

Triad

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



62.4599, 0.2988, 0.3337



62.4599, 0.3061, 0.3115



62.4599, 0.3334, 0.3419

Complementary

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



62.4599, 0.2988, 0.3337



54.2716, 0.3287, 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.



62.4599, 0.3328, 0.3336



62.4599, 0.2988, 0.3337



62.4599, 0.3169, 0.3162

Square

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



62.4599, 0.2988, 0.3337



62.4599, 0.2972, 0.3113



62.4599, 0.3267, 0.3242



62.4599, 0.3283, 0.3470

Rectangle

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



62.4599, 0.2988, 0.3337



62.4599, 0.2921, 0.3181



62.4599, 0.3267, 0.3242



62.4599, 0.3338, 0.3394

Sweetspot

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



62.4625, 0.2988, 0.3337



98.4926, 0.3088, 0.3303



62.1306, 0.3145, 0.3566



20.9973, 0.3077, 0.3306



0.0000, 0.0000, 0.0000



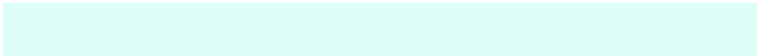
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4625, 0.2988, 0.3337



93.8807, 0.2959, 0.3348



59.1135, 0.2961, 0.3203



14.0691, 0.3005, 0.3331



30.9976, 0.2402, 0.3847



1.8796, 0.2372, 0.3739

Inverse Universe

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



54.2716, 0.3287, 0.3244



79.0025, 0.3326, 0.3233



57.2990, 0.3308, 0.3376



12.4557, 0.3264, 0.3250



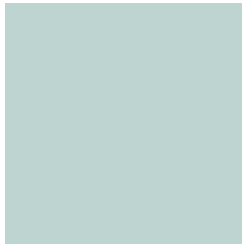
8.7332, 0.6130, 0.3150



0.5377, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 62.4599, 0.2988, 0.3337 looks on a white background.

Color Contrast Check

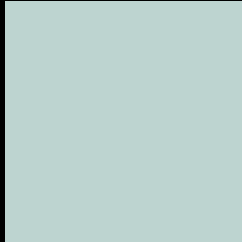
Large Text (above 18pt) WCAG AA × Fail

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 62.4599, 0.2988, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

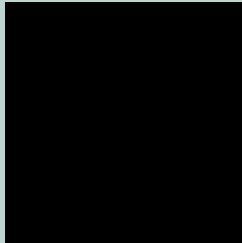
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

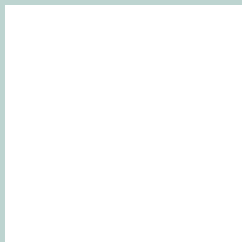
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4599, 0.2988, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 62.4599, 0.2988, 0.3337.



This preview shows how white text looks on a background with the Yxy color 62.4599, 0.2988, 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

62.4599, 0.2988, 0.3337

Protanopia

62.3511, 0.3179, 0.3313

Deuteranopia

61.9692, 0.3250, 0.3179



Tritanopia

62.2984, 0.2892, 0.3092

Trichromacy



Original Color

62.4599, 0.2988, 0.3337

Protanomaly

62.2160, 0.3111, 0.3325

Deuteranomaly

61.7862, 0.3153, 0.3233

Tritanomaly

62.2840, 0.2930, 0.3184

Monochromacy



Original Color

62.4599, 0.2988, 0.3337

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7101, 0.3074, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4599, 0.2988, 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(189, 212, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 208)  
}
```

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(189, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.4599, 0.2988, 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(189, 212, 208) }
```

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

```
.border{ border-color:rgb(189, 212, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 212, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4599, 0.2988, 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(189, 212, 208) }
```

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

```
.background{ background-color: rgb(189,  
212, 208) }
```

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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