

Converting Colors

$Yxy(62.6655, 0.2890, 0.3243)$

Have a look what the booklet for
Yxy(62.6655, 0.2890, 0.3243)
contains.

Yxy(62.6655, 0.2889, 0.3242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.6655, 0.2889, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	B7D5D9
RGB	183, 213, 217
RGB Percent	72%, 84%, 85%
CMY	0.2824, 0.1647, 0.1491
CMYK	0.16, 0.02, 0.00, 0.15
HSL	187°, 31%, 78%
HSV	187°, 16%, 85%
XYZ	55.8423, 62.6655, 74.7850
YIQ	204.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

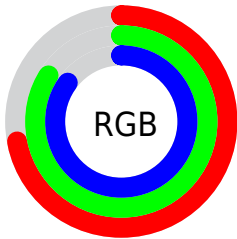
Format	Color
RYB	183, 199, 217
Decimal	12047833
CIELab	83.27, -9.10, -5.31
CIELCh	83, 10.536, 210.279
Yxy	62.6655, 0.2889, 0.3242
Android (android.graphics.Color)	4290237913 (0xFFB7D5D9)
YUV	204.4860, 6.1694, -18.8432
Hunter-Lab	79.1615, -12.6149, -0.5990

Details

The Yxy color **62.6655, 0.2889, 0.3242** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6903, 0.3414, 0.3338**, and the grayscale version is **60.6756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **31.8082, 0.2835, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **58.9440, 0.2745, 0.3208**, and if you desaturate by 10%, it is **66.8223, 0.3040, 0.3273**.

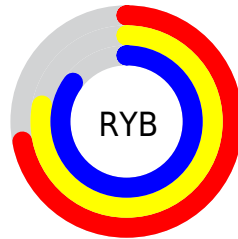
Distribution



Red (72%)

Green (84%)

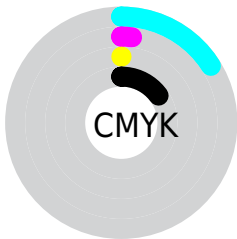
Blue (85%)



Red (72%)

Yellow (78%)

Blue (85%)

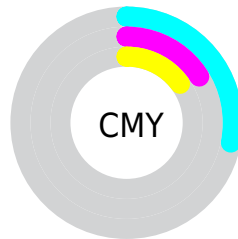


Cyan (16%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (28%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6655, 0.2889, 0.3242 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 62.6655, 0.2889, 0.3242 by changing the saturation by 10% instead.

■ 62.6655, 0.2889,
0.3242

■ 62.6655, 0.2889,
0.3242

434.3545, 0.3001,
0.3266

■ 45.5707, 0.2863,
0.3236

■ 108.6868, 0.2928,
0.3251

■ 31.9071, 0.2830,
0.3229

138.3820, 0.2944,
0.3254

■ 21.2906, 0.2788,
0.3219

173.0462, 0.2957,
0.3257

■ 13.3366, 0.2732,
0.3205

213.0636, 0.2968,
0.3259

■ 7.6607, 0.2655,
0.3185

258.8188, 0.2978,
0.3261

■ 3.8786, 0.2539,
0.3154

310.6961, 0.2987,

■ 1.6059, 0.2351,

0.3263

0.3096

369.0798, 0.2995,
0.3265

■ 0.3616, 0.0974,
0.2897

■ 0.0000, 0.0000,
0.0000

■ 62.6655, 0.2889,
0.3242

■ 62.6655, 0.2889,
0.3242

■ 58.9440, 0.2745,
0.3208

■ 66.8223, 0.3040,
0.3273

■ 55.6312, 0.2612,
0.3172

■ 71.4241, 0.3195,
0.3302

■ 52.7094, 0.2491,
0.3133

■ 76.4903, 0.3351,
0.3328

■ 50.1565, 0.2387,
0.3094

■ 79.1248, 0.3398,
0.3353

■ 47.9481, 0.2300,
0.3053

■ 80.4909, 0.3394,
0.3378

■ 46.0568, 0.2232,
0.3012

■ 81.8773, 0.3390,
0.3403

■ 44.4504, 0.2183,
0.2971

■ 83.2843, 0.3387,
0.3428

■ 43.0898, 0.2153,
0.2931

■ 84.7117, 0.3383,
0.3453

■ 42.5462, 0.2143,
0.2913

■ 86.1598, 0.3379,
0.3478

Harmonies

Analogous

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



62.6655, 0.2968, 0.3365



62.6655, 0.2889, 0.3242



62.6655, 0.2873, 0.3136

Triad

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



62.6655, 0.2889, 0.3242



62.6655, 0.3161, 0.3121



62.6655, 0.3334, 0.3509

Complementary

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



62.6655, 0.2889, 0.3242



53.6903, 0.3414, 0.3338

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.



62.6655, 0.3388, 0.3438



62.6655, 0.2889, 0.3242



62.6655, 0.3287, 0.3215

Square

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



62.6655, 0.2889, 0.3242



62.6655, 0.3027, 0.3069



62.6655, 0.3371, 0.3330



62.6655, 0.3224, 0.3521

Rectangle

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



62.6655, 0.2889, 0.3242



62.6655, 0.2899, 0.3088



62.6655, 0.3371, 0.3330



62.6655, 0.3359, 0.3491

Sweetspot

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



62.6681, 0.2889, 0.3242



96.7147, 0.3049, 0.3275



63.2680, 0.3082, 0.3658



20.6049, 0.3038, 0.3273



0.0000, 0.0000, 0.0000



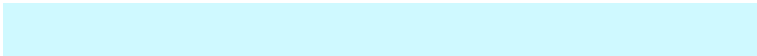
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6681, 0.2889, 0.3242



88.3820, 0.2838, 0.3230



54.5624, 0.2881, 0.3035



14.5562, 0.2982, 0.3262



25.8612, 0.2144, 0.2919



1.7505, 0.2163, 0.2985

Inverse Universe

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



53.4149, 0.3176, 0.2948



72.5286, 0.3188, 0.2869



61.3295, 0.3383, 0.3533



13.2473, 0.3156, 0.3086



11.2345, 0.3526, 0.1716



0.7354, 0.3467, 0.1684

Previews

White Background



This preview shows how the Yxy color 62.6655, 0.2889, 0.3242 looks on a white background.

Color Contrast Check

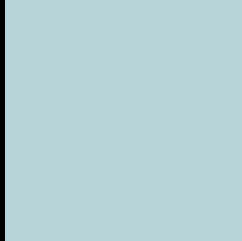
Large Text (above 18pt) WCAG AA × Fail

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 62.6655, 0.2889, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

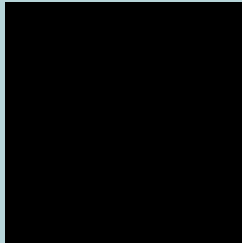
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6655, 0.2889, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 62.6655, 0.2889, 0.3242.



This preview shows how white text looks on a background with the Yxy color 62.6655, 0.2889, 0.3242.

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

62.6655, 0.2889, 0.3242

Protanopia

62.5020, 0.3101, 0.3210

Deuteranopia

62.2599, 0.3152, 0.3091



Tritanopia

62.5043, 0.2833, 0.3090

Trichromacy



Original Color

62.6655, 0.2889, 0.3242

Protanomaly

62.7353, 0.3027, 0.3232

Deuteranomaly

61.9900, 0.3052, 0.3141

Tritanomaly

62.6591, 0.2852, 0.3148

Monochromacy



Original Color

62.6655, 0.2889, 0.3242

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9649, 0.3032, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6655, 0.2889, 0.3242 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(183, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 213, 217)  
}
```

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(183, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 213, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.6655, 0.2889, 0.3242 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(183, 213, 217) }
```

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

```
.border{ border-color:rgb(183, 213, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 213,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6655, 0.2889, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 213, 217) }
```

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

```
.background{ background-color: rgb(183,  
213, 217) }
```

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