

Converting Colors

$Yxy(62.3840, 0.2960, 0.3290)$

Have a look what the booklet for
Yxy(62.3840, 0.2960, 0.3290)
contains.

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Color

Yxy(62.5318, 0.2955, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	BCD4D4
RGB	188, 212, 212
RGB Percent	74%, 83%, 83%
CMY	0.2627, 0.1686, 0.1688
CMYK	0.11, 0.00, 0.00, 0.17
HSL	180°, 22%, 78%
HSV	180°, 11%, 83%
XYZ	56.1646, 62.5318, 71.3699
YIQ	204.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

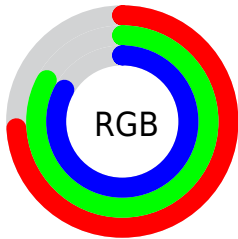
Format	Color
RYB	188, 200, 212
Decimal	12375252
CIELab	83.20, -7.99, -2.71
CIELCh	83, 8.436, 198.711
Yxy	62.5318, 0.2955, 0.3290
Android (android.graphics.Color)	4290565332 (0xFFBCD4D4)
YUV	204.8240, 3.5378, -14.7546
Hunter-Lab	79.0771, -11.6050, 1.8426

Details

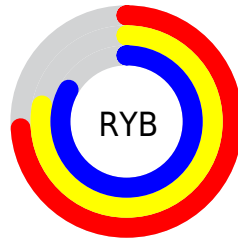
The Yxy color **62.5318, 0.2955, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6044, 0.3328, 0.3290**, and the grayscale version is **60.9182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **31.6992, 0.2919, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **60.0344, 0.2812, 0.3290**, and if you desaturate by 10%, it is **65.4299, 0.3107, 0.3290**.

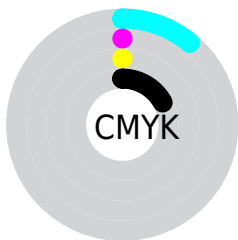
Distribution



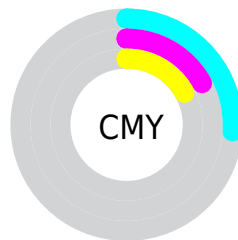
- Red (74%)
- Green (83%)
- Blue (83%)



- Red (74%)
- Yellow (78%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (26%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5318, 0.2955, 0.3290 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 62.5318, 0.2955, 0.3290 by changing the saturation by 10% instead.


 62.5318, 0.2955,
0.3290

 62.5318, 0.2955,
0.3290


433.8683, 0.3037,
0.3291

 45.4625, 0.2936,
0.3290


 108.4938, 0.2984,
0.3290

 31.8219, 0.2912,
0.3289

138.1553, 0.2995,
0.3290

 21.2255, 0.2881,
0.3289


172.7830, 0.3004,
0.3290

 13.2889, 0.2840,
0.3288

212.7612, 0.3012,
0.3291

 7.6278, 0.2783,
0.3286

258.4745, 0.3020,
0.3291

 3.8577, 0.2698,
0.3282

310.3072, 0.3026,

 1.5943, 0.2556,

0.3291

0.3274

368.6437, 0.3032,
0.3291

0.3538, 0.1320,
0.3308

0.0000, 0.0000,
0.0000

62.5318, 0.2955,
0.3290

62.5318, 0.2955,
0.3290

60.0344, 0.2812,
0.3290

65.4299, 0.3107,
0.3290

57.9128, 0.2682,
0.3290

68.7371, 0.3264,
0.3290

56.1511, 0.2566,
0.3291

72.4711, 0.3425,
0.3290

54.7293, 0.2467,
0.3291

73.1090, 0.3451,
0.3290

■ 53.6255, 0.2386,
0.3291

■ 73.1110, 0.3450,
0.3289

■ 52.8152, 0.2325,
0.3292

■ 73.1130, 0.3450,
0.3289

■ 52.2705, 0.2283,
0.3292

■ 73.1150, 0.3450,
0.3289

■ 51.9577, 0.2259,
0.3293

■ 73.1170, 0.3449,
0.3288

■ 51.8234, 0.2248,
0.3293

■ 73.1190, 0.3449,
0.3288

Harmonies

Analogous

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



62.5318, 0.3034, 0.3385



62.5318, 0.2955, 0.3290



62.5318, 0.2921, 0.3197

Triad

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



62.5318, 0.2955, 0.3290



62.5318, 0.3112, 0.3133



62.5318, 0.3316, 0.3448

Complementary

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



62.5318, 0.2955, 0.3290



53.6044, 0.3328, 0.3290

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.



62.5318, 0.3338, 0.3378



62.5318, 0.2955, 0.3290



62.5318, 0.3219, 0.3198

Square

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



62.5318, 0.2955, 0.3290



62.5318, 0.3011, 0.3108



62.5318, 0.3302, 0.3287



62.5318, 0.3243, 0.3477

Rectangle

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



62.5318, 0.2955, 0.3290



62.5318, 0.2929, 0.3148



62.5318, 0.3302, 0.3287



62.5318, 0.3329, 0.3429

Sweetspot

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



62.5344, 0.2955, 0.3290



98.5769, 0.3080, 0.3290



61.4653, 0.3116, 0.3583



21.0202, 0.3068, 0.3290



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.



62.5344, 0.2955, 0.3290



93.8424, 0.2914, 0.3290



56.9460, 0.2952, 0.3150



14.1075, 0.2983, 0.3290



31.9916, 0.2248, 0.3293



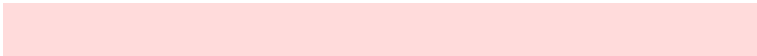
1.9297, 0.2248, 0.3292

Inverse Universe

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



53.6044, 0.3328, 0.3290



77.2135, 0.3387, 0.3290



58.7578, 0.3312, 0.3426



12.4212, 0.3291, 0.3290



8.6418, 0.6399, 0.3299



0.5214, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 62.5318, 0.2955, 0.3290 looks on a white background.

Color Contrast Check

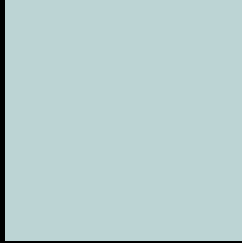
Large Text (above 18pt) WCAG AA × Fail

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 62.5318, 0.2955, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

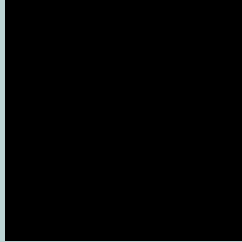
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

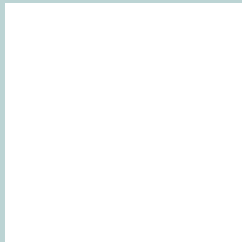
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5318, 0.2955, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 62.5318, 0.2955, 0.3290.

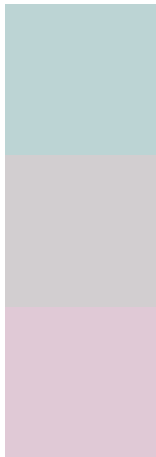


This preview shows how white text looks on a background with the Yxy color 62.5318, 0.2955, 0.3290.

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

62.5318, 0.2955, 0.3290

Protanopia

62.3983, 0.3143, 0.3267

Deuteranopia

62.4756, 0.3211, 0.3146



Tritanopia

62.6605, 0.2886, 0.3104

Trichromacy



Original Color

62.5318, 0.2955, 0.3290

Protanomaly

62.2718, 0.3076, 0.3278

Deuteranomaly

62.3156, 0.3116, 0.3199

Tritanomaly

62.7561, 0.2911, 0.3172

Monochromacy



Original Color

62.5318, 0.2955, 0.3290

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8079, 0.3060, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5318, 0.2955, 0.3290 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(188, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 212, 212)  
}
```

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(188, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 212, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.5318, 0.2955, 0.3290 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(188, 212, 212) }
```

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

```
.border{ border-color:rgb(188, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 212,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5318, 0.2955, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 212, 212) }
```

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

```
.background{ background-color: rgb(188,  
212, 212) }
```

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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