

Converting Colors

$Yxy(63.7893, 0.2957, 0.3322)$

Have a look what the booklet for
Yxy(63.7893, 0.2957, 0.3322)
contains.

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Color

Yxy(64.0457, 0.2955, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	BCD7D4
RGB	188, 215, 212
RGB Percent	74%, 84%, 83%
CMY	0.2628, 0.1568, 0.1686
CMYK	0.13, 0.00, 0.01, 0.16
HSL	173°, 25%, 79%
HSV	173°, 13%, 84%
XYZ	56.9188, 64.0457, 71.6541
YIQ	206.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

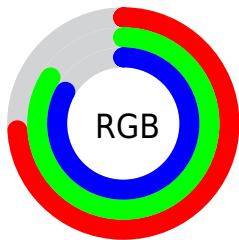
Format	Color
RYB	188, 202, 215
Decimal	12376020
CIELab	83.99, -9.54, -1.57
CIElCh	84, 9.671, 189.327
Yxy	64.0457, 0.2955, 0.3325
Android (android.graphics.Color)	4290566100 (0xFFBCD7D4)
YUV	206.5850, 2.6696, -16.2990
Hunter-Lab	80.0286, -13.0952, 2.9343

Details

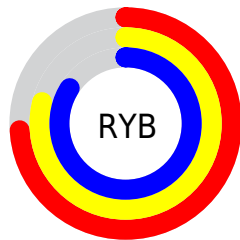
The Yxy color **64.0457, 0.2955, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.1647, 0.3330, 0.3255**, and the grayscale version is **62.1048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **32.6443, 0.2912, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **61.3989, 0.2826, 0.3356**, and if you desaturate by 10%, it is **67.1064, 0.3091, 0.3297**.

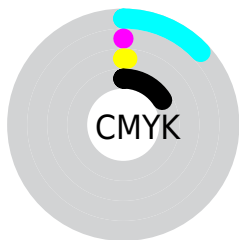
Distribution



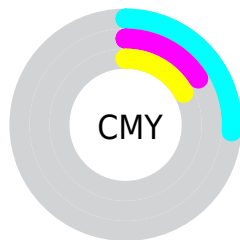
- Red (74%)
- Green (84%)
- Blue (83%)



- Red (74%)
- Yellow (79%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)




- Cyan (26%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0457, 0.2955, 0.3325 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 64.0457, 0.2955, 0.3325 by changing the saturation by 10% instead.

 64.0457, 0.2955,
0.3325

 64.0457, 0.2955,
0.3325

439.3547, 0.3036,
0.3309

 46.6877, 0.2936,
0.3329


 110.6767, 0.2984,
0.3319

 32.7888, 0.2912,
0.3333


140.7186, 0.2995,
0.3317

 21.9647, 0.2882,
0.3339


175.7571, 0.3004,
0.3315

 13.8310, 0.2841,
0.3347

216.1768, 0.3012,
0.3314

 8.0032, 0.2785,
0.3357

262.3620, 0.3019,
0.3312

 4.0970, 0.2701,
0.3372

314.6971, 0.3026,

 1.7280, 0.2563,

0.3311

373.5665, 0.3031,
0.3310

0.3394

0.4417, 0.1533,
0.3623

0.0000, 0.0000,
0.0000

64.0457, 0.2955,
0.3325

64.0457, 0.2955,
0.3325

61.3989, 0.2826,
0.3356

67.1064, 0.3091,
0.3297

59.1400, 0.2708,
0.3389

70.5899, 0.3232,
0.3271

57.2525, 0.2604,
0.3424

74.5146, 0.3376,
0.3248

55.7154, 0.2515,
0.3461

75.1167, 0.3377,
0.3225

■ 54.5058, 0.2445,
0.3499

■ 75.2453, 0.3360,
0.3201

■ 53.5978, 0.2393,
0.3537

■ 75.3757, 0.3343,
0.3177

■ 52.9619, 0.2361,
0.3576

■ 75.5080, 0.3326,
0.3153

■ 52.5624, 0.2347,
0.3614

■ 75.6421, 0.3309,
0.3130

■ 52.3739, 0.2345,
0.3642

■ 75.7780, 0.3292,
0.3106

Harmonies

Analogous

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



64.0457, 0.3057, 0.3428



64.0457, 0.2955, 0.3325



64.0457, 0.2899, 0.3214

Triad

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



64.0457, 0.2955, 0.3325



64.0457, 0.3071, 0.3097



64.0457, 0.3357, 0.3449

Complementary

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



64.0457, 0.2955, 0.3325



54.1647, 0.3330, 0.3255

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.



64.0457, 0.3361, 0.3358



64.0457, 0.2955, 0.3325



64.0457, 0.3195, 0.3158

Square

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



64.0457, 0.2955, 0.3325



64.0457, 0.2965, 0.3086



64.0457, 0.3301, 0.3253



64.0457, 0.3290, 0.3499

Rectangle

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



64.0457, 0.2955, 0.3325



64.0457, 0.2894, 0.3152



64.0457, 0.3301, 0.3253



64.0457, 0.3366, 0.3422

Sweetspot

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



64.0484, 0.2955, 0.3325



98.0438, 0.3071, 0.3301



63.3291, 0.3135, 0.3616



20.9091, 0.3060, 0.3303



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.



64.0484, 0.2955, 0.3325



93.1829, 0.2921, 0.3333



59.0888, 0.2933, 0.3166



14.0830, 0.2997, 0.3316



31.3322, 0.2344, 0.3636



1.8967, 0.2325, 0.3570

Inverse Universe

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



54.1647, 0.3330, 0.3255



75.9772, 0.3379, 0.3248



58.6214, 0.3339, 0.3411



12.4430, 0.3274, 0.3264



8.6880, 0.6259, 0.3221



0.5317, 0.5910, 0.3029

Previews

White Background



This preview shows how the Yxy color 64.0457, 0.2955, 0.3325 looks on a white background.

Color Contrast Check

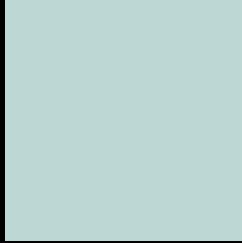
Large Text (above 18pt) WCAG AA × Fail

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 64.0457, 0.2955, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

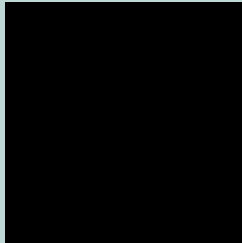
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

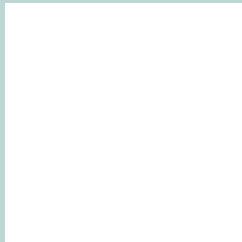
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0457, 0.2955, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 64.0457, 0.2955, 0.3325.



This preview shows how white text looks on a background with the Yxy color 64.0457, 0.2955, 0.3325.

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

64.0457, 0.2955, 0.3325

Protanopia

63.8120, 0.3165, 0.3290

Deuteranopia

63.9491, 0.3226, 0.3159



Tritanopia

63.8205, 0.2868, 0.3093

Trichromacy



Original Color

64.0457, 0.2955, 0.3325

Protanomaly

64.0293, 0.3089, 0.3313

Deuteranomaly

63.6268, 0.3123, 0.3211

Tritanomaly

63.8634, 0.2899, 0.3173

Monochromacy



Original Color

64.0457, 0.2955, 0.3325

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.9760, 0.3060, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0457, 0.2955, 0.3325 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, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 215, 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, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 215, 212) }
```

Border

The CSS property to change the border of an element to Yxy 64.0457, 0.2955, 0.3325 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, 215, 212) }
```

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

```
.border{ border-color:rgb(188, 215, 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, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 215,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0457, 0.2955, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 215, 212) }
```

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

```
.background{ background-color: rgb(188,  
215, 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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