

Converting Colors

Yxy(64.7739, 0.3044, 0.3462)

Have a look what the booklet for
Yxy(64.7739, 0.3044, 0.3462)
contains.

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Color

Yxy(64.9663, 0.3040, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	BFD9CA
RGB	191, 217, 202
RGB Percent	75%, 85%, 79%
CMY	0.2512, 0.1489, 0.2078
CMYK	0.12, 0.00, 0.07, 0.15
HSL	145°, 26%, 80%
HSV	145°, 12%, 85%
XYZ	56.9485, 64.9663, 65.4159
YIQ	207.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

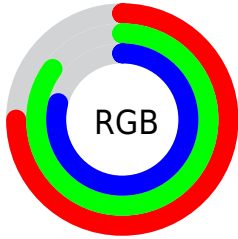
Format	Color
R _Y B	191, 209, 217
Decimal	12573130
CIE Lab	84.47, -11.52, 4.46
CIE LCh	84, 12.357, 158.856
Yxy	64.9663, 0.3040, 0.3468
Android (android.graphics.Color)	4290763210 (0xFFBFD9CA)
YUV	207.5160, -2.7194, -14.4845
Hunter-Lab	80.6017, -14.9350, 8.3017

Details

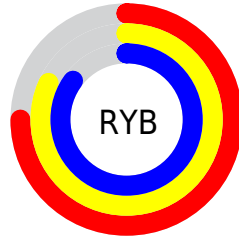
The Yxy color **64.9663, 0.3040, 0.3468** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4458, 0.3225, 0.3118**, and the grayscale version is **62.7657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **33.2971, 0.3014, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **61.7935, 0.2970, 0.3636**, and if you desaturate by 10%, it is **68.6094, 0.3112, 0.3318**.

Distribution



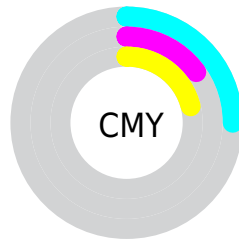
- Red (75%)
- Green (85%)
- Blue (79%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)




- Cyan (25%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9663, 0.3040, 0.3468 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 64.9663, 0.3040, 0.3468 by changing the saturation by 10% instead.

 64.9663, 0.3040,
0.3468

 64.9663, 0.3040,
0.3468


442.6709, 0.3082,
0.3383

 47.4338, 0.3030,
0.3488


 112.0014, 0.3055,
0.3438

 33.3787, 0.3018,
0.3514


142.2728, 0.3060,
0.3426

 22.4167, 0.3002,
0.3547

177.5592, 0.3065,
0.3416

 14.1634, 0.2980,
0.3591

218.2450, 0.3069,
0.3408

 8.2344, 0.2949,
0.3653

264.7147, 0.3073,
0.3400

 4.2453, 0.2903,
0.3749

317.3527, 0.3076,

 1.8117, 0.2823,

0.3394

376.5432, 0.3079,
0.3388

0.3912

0.4945, 0.2073,
0.5435

0.0000, 0.0000,
0.0000

64.9663, 0.3040,
0.3468

64.9663, 0.3040,
0.3468

61.7935, 0.2970,
0.3636

68.6094, 0.3112,
0.3318

59.0633, 0.2904,
0.3821

72.7328, 0.3185,
0.3185

56.7577, 0.2845,
0.4022

77.1570, 0.3249,
0.3068

54.8542, 0.2797,
0.4237

77.9235, 0.3164,
0.2949

■ 53.3281, 0.2763,
0.4461

■ 78.1157, 0.3144,
0.2920

■ 52.1520, 0.2747,
0.4688

■ 51.2943, 0.2749,
0.4910

■ 50.7176, 0.2771,
0.5118

■ 50.4091, 0.2798,
0.5272

Harmonies

Analogous

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



64.9663, 0.3195, 0.3549



64.9663, 0.3040, 0.3468



64.9663, 0.2910, 0.3336

Triad

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



64.9663, 0.3040, 0.3468



64.9663, 0.2919, 0.3031



64.9663, 0.3425, 0.3373

Complementary

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



64.9663, 0.3040, 0.3468



56.4458, 0.3225, 0.3118

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.



64.9663, 0.3347, 0.3240



64.9663, 0.3040, 0.3468



64.9663, 0.3053, 0.3046

Square

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



64.9663, 0.3040, 0.3468



64.9663, 0.2842, 0.3084



64.9663, 0.3210, 0.3122



64.9663, 0.3420, 0.3489

Rectangle

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



64.9663, 0.3040, 0.3468



64.9663, 0.2855, 0.3240



64.9663, 0.3210, 0.3122



64.9663, 0.3408, 0.3329

Sweetspot

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



64.9690, 0.3040, 0.3468



97.7439, 0.3098, 0.3347



66.5387, 0.3224, 0.3593



20.8331, 0.3092, 0.3358



0.0000, 0.0000, 0.0000



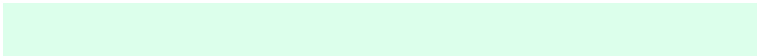
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9690, 0.3040, 0.3468



92.5925, 0.3025, 0.3502



65.6031, 0.2958, 0.3315



14.6974, 0.3059, 0.3428



30.5290, 0.2790, 0.5245



1.9948, 0.2700, 0.4921

Inverse Universe

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



56.4458, 0.3225, 0.3118



78.3626, 0.3245, 0.3087



55.8469, 0.3326, 0.3265



13.1766, 0.3202, 0.3156



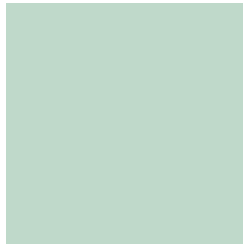
9.8473, 0.4632, 0.2325



0.6551, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 64.9663, 0.3040, 0.3468 looks on a white background.

Color Contrast Check

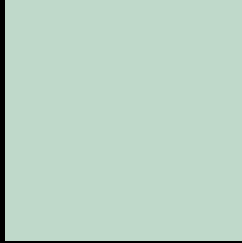
Large Text (above 18pt) WCAG AA × Fail

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 64.9663, 0.3040, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

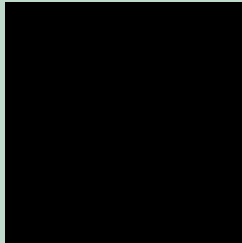
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

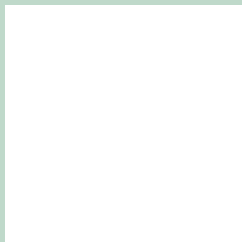
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9663, 0.3040, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 64.9663, 0.3040, 0.3468.

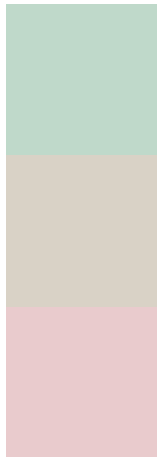


This preview shows how white text looks on a background with the Yxy color 64.9663, 0.3040, 0.3468.

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

64.9663, 0.3040, 0.3468

Protanopia

64.9221, 0.3265, 0.3426

Deuteranopia

64.4433, 0.3347, 0.3269



Tritanopia

65.0374, 0.2896, 0.3096

Trichromacy



Original Color

64.9663, 0.3040, 0.3468

Protanomaly

65.1219, 0.3186, 0.3452

Deuteranomaly

64.3768, 0.3231, 0.3335

Tritanomaly

64.7298, 0.2946, 0.3220

Monochromacy



Original Color

64.9663, 0.3040, 0.3468

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6013, 0.3095, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9663, 0.3040, 0.3468 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(191, 217, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 202)  
}
```

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(191, 217, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 202) }
```

Border

The CSS property to change the border of an element to Yxy 64.9663, 0.3040, 0.3468 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(191, 217, 202) }
```

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

```
.border{ border-color:rgb(191, 217, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9663, 0.3040, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 202) }
```

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

```
.background{ background-color: rgb(191,  
217, 202) }
```

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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