

Converting Colors

$Yxy(65.7005, 0.3005, 0.3412)$

Have a look what the booklet for
Yxy(65.7005, 0.3005, 0.3412)
contains.

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Color

Yxy(65.7732, 0.3002, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	BFDAD0
RGB	191, 218, 208
RGB Percent	75%, 85%, 82%
CMY	0.2508, 0.1451, 0.1842
CMYK	0.12, 0.00, 0.05, 0.15
HSL	158°, 27%, 80%
HSV	158°, 12%, 85%
XYZ	57.9545, 65.7732, 69.3254
YIQ	208.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

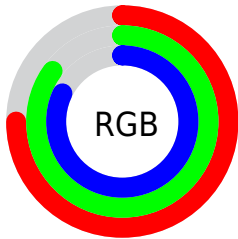
Format	Color
RYB	191, 208, 218
Decimal	12573392
CIELab	84.88, -10.84, 1.87
CIELCh	85, 11.003, 170.192
Yxy	65.7732, 0.3002, 0.3407
Android (android.graphics.Color)	4290763472 (0xFFBFDAD0)
YUV	208.7870, -0.3880, -15.5992
Hunter-Lab	81.1007, -14.3701, 6.0890

Details

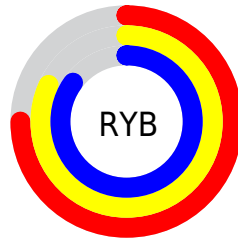
The Yxy color **65.7732, 0.3002, 0.3407** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4094, 0.3271, 0.3176**, and the grayscale version is **63.6314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **33.8458, 0.2965, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **62.7684, 0.2905, 0.3513**, and if you desaturate by 10%, it is **69.2244, 0.3103, 0.3311**.

Distribution



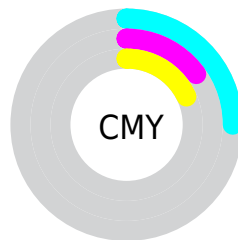
- Red (75%)
- Green (85%)
- Blue (82%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)




- Cyan (25%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7732, 0.3002, 0.3407 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 65.7732, 0.3002, 0.3407 by changing the saturation by 10% instead.

 65.7732, 0.3002,
0.3407

 65.7732, 0.3002,
0.3407


445.5653, 0.3061,
0.3352

 48.0883, 0.2988,
0.3420

 113.1608, 0.3023,
0.3387

 33.8968, 0.2971,
0.3436


143.6322, 0.3031,
0.3380

 22.8144, 0.2949,
0.3457


179.1346, 0.3038,
0.3374

 14.4565, 0.2919,
0.3486

220.0525, 0.3044,
0.3368

 8.4388, 0.2878,
0.3525

266.7700, 0.3049,
0.3363

 4.3770, 0.2816,
0.3584

319.6718, 0.3053,

 1.8866, 0.2714,

0.3359

0.3684

379.1421, 0.3058,
0.3355

0.5403, 0.1997,
0.4335

0.0000, 0.0000,
0.0000

65.7732, 0.3002,
0.3407

65.7732, 0.3002,
0.3407

62.7684, 0.2905,
0.3513

69.2244, 0.3103,
0.3311

60.1830, 0.2815,
0.3629

73.1314, 0.3206,
0.3225


57.9994, 0.2736,
0.3755

77.2365, 0.3298,
0.3149

56.1958, 0.2669,
0.3889


77.7065, 0.3243,
0.3070


 54.7482, 0.2619,
0.4028


 78.1978, 0.3188,
0.2992

 53.6296, 0.2587,
0.4172

 78.6171, 0.3144,
0.2930

 52.8092, 0.2576,
0.4316

 52.2498, 0.2584,
0.4459

 51.9510, 0.2602,
0.4566

Harmonies

Analogous

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



65.7732, 0.3136, 0.3499



65.7732, 0.3002, 0.3407



65.7732, 0.2903, 0.3283

Triad

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



65.7732, 0.3002, 0.3407



65.7732, 0.2983, 0.3058



65.7732, 0.3398, 0.3407

Complementary

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



65.7732, 0.3002, 0.3407



56.4094, 0.3271, 0.3176

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.



65.7732, 0.3356, 0.3291



65.7732, 0.3002, 0.3407



65.7732, 0.3114, 0.3093

Square

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



65.7732, 0.3002, 0.3407



65.7732, 0.2893, 0.3083



65.7732, 0.3251, 0.3177



65.7732, 0.3366, 0.3496

Rectangle

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



65.7732, 0.3002, 0.3407



65.7732, 0.2869, 0.3201



65.7732, 0.3251, 0.3177



65.7732, 0.3392, 0.3370

Sweetspot

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



65.7760, 0.3002, 0.3407



97.8756, 0.3086, 0.3327



66.3718, 0.3187, 0.3606



20.8664, 0.3078, 0.3334



0.0000, 0.0000, 0.0000



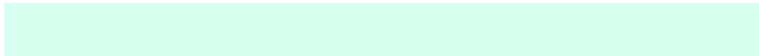
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7760, 0.3002, 0.3407



92.5745, 0.2975, 0.3436



64.6684, 0.2938, 0.3253



14.7435, 0.3031, 0.3378



31.1490, 0.2596, 0.4545



2.0344, 0.2532, 0.4316

Inverse Universe

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



56.4094, 0.3271, 0.3176



76.5216, 0.3309, 0.3149



57.3408, 0.3345, 0.3327



13.1309, 0.3234, 0.3204



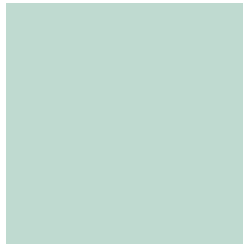
9.3025, 0.5486, 0.2796



0.6190, 0.5040, 0.2550

Previews

White Background



This preview shows how the Yxy color 65.7732, 0.3002, 0.3407 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 65.7732, 0.3002, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

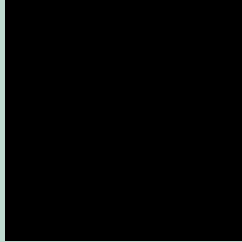
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

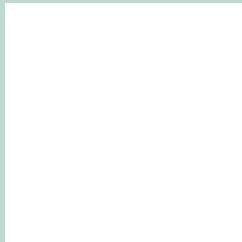
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7732, 0.3002, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 65.7732, 0.3002, 0.3407.



This preview shows how white text looks on a background with the Yxy color 65.7732, 0.3002, 0.3407.

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





Tritanopia

65.5214, 0.2877, 0.3085

Trichromacy



Original Color

65.7732, 0.3002, 0.3407

Protanomaly

65.9108, 0.3144, 0.3393

Deuteranomaly

65.4980, 0.3179, 0.3290

Tritanomaly

65.3979, 0.2927, 0.3197

Monochromacy



Original Color

65.7732, 0.3002, 0.3407

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2470, 0.3074, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7732, 0.3002, 0.3407 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, 218, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 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(191, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 208) }
```

Border

The CSS property to change the border of an element to Yxy 65.7732, 0.3002, 0.3407 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, 218, 208) }
```

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

```
.border{ border-color:rgb(191, 218, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7732, 0.3002, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 208) }
```

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

```
.background{ background-color: rgb(191,  
218, 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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