

Converting Colors

$Yxy(65.1042, 0.3022, 0.3521)$

Have a look what the booklet for
Yxy(65.1042, 0.3022, 0.3521)
contains.

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Color

Yxy(65.2257, 0.3024, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BADBC7</code>
RGB	<code>186, 219, 199</code>
RGB Percent	<code>73%, 86%, 78%</code>
CMY	<code>0.2709, 0.1411, 0.2196</code>
CMYK	<code>0.15, 0.00, 0.09, 0.14</code>
HSL	<code>144°, 32%, 79%</code>
HSV	<code>144°, 15%, 86%</code>
XYZ	<code>55.8761, 65.2257, 63.6736</code>
YIQ	<code>206.8530, -13.2480, -13.2160</code>

Conversions

Conversions Part 2

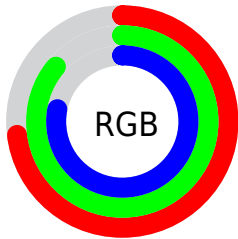
Format	Color
RYB	186, 210, 219
Decimal	12245959
CIELab	84.60, -14.76, 6.20
CIElCh	85, 16.012, 157.222
Yxy	65.2257, 0.3024, 0.3530
Android (android.graphics.Color)	4290436039 (0xFFBADBC7)
YUV	206.8530, -3.8715, -18.2881
Hunter-Lab	80.7624, -17.8377, 9.7891

Details

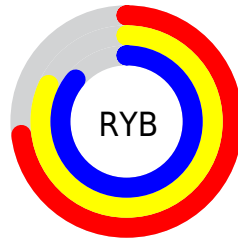
The Yxy color **65.2257, 0.3024, 0.3530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6050, 0.3246, 0.3062**, and the grayscale version is **62.3225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **33.5818, 0.3003, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **62.1045, 0.2958, 0.3713**, and if you desaturate by 10%, it is **68.8264, 0.3092, 0.3366**.

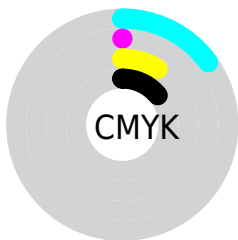
Distribution



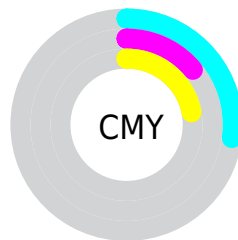
- Red (73%)
- Green (86%)
- Blue (78%)



- Red (73%)
- Yellow (82%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)




- Cyan (27%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2257, 0.3024, 0.3530 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 65.2257, 0.3024, 0.3530 by changing the saturation by 10% instead.


 65.2257, 0.3024,
0.3530

 65.2257, 0.3024,
0.3530


443.6026, 0.3074,
0.3415

 47.6441, 0.3012,
0.3557


 112.3743, 0.3042,
0.3489

 33.5451, 0.2997,
0.3592


142.7101, 0.3048,
0.3473

 22.5444, 0.2978,
0.3637

178.0660, 0.3054,
0.3460

 14.2575, 0.2952,
0.3697

218.8266, 0.3059,
0.3449

 8.2999, 0.2914,
0.3784

265.3761, 0.3063,
0.3438

 4.2875, 0.2857,
0.3915

318.0991, 0.3067,

 1.8356, 0.2758,

0.3430

377.3797, 0.3071,
0.3422

0.4142

0.5092, 0.1640,
0.6755

0.0000, 0.0000,
0.0000

65.2257, 0.3024,
0.3530

65.2257, 0.3024,
0.3530

62.1045, 0.2958,
0.3713

68.8264, 0.3092,
0.3366

59.4341, 0.2898,
0.3914

72.9176, 0.3161,
0.3221

57.1952, 0.2845,
0.4131

77.5201, 0.3228,
0.3094

55.3642, 0.2804,
0.4361

78.9642, 0.3163,
0.2968

■ 53.9145, 0.2777,
0.4598

■ 79.1551, 0.3144,
0.2940

■ 52.8169, 0.2768,
0.4834

■ 52.0372, 0.2778,
0.5060

■ 51.5339, 0.2806,
0.5268

■ 51.3548, 0.2823,
0.5361

Harmonies

Analogous

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



65.2257, 0.3225, 0.3631



65.2257, 0.3024, 0.3530



65.2257, 0.2855, 0.3359

Triad

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



65.2257, 0.3024, 0.3530



65.2257, 0.2851, 0.2959



65.2257, 0.3511, 0.3386

Complementary

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



65.2257, 0.3024, 0.3530



54.6050, 0.3246, 0.3062

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.



65.2257, 0.3404, 0.3215



65.2257, 0.3024, 0.3530



65.2257, 0.3020, 0.2974

Square

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



65.2257, 0.3024, 0.3530



65.2257, 0.2757, 0.3029



65.2257, 0.3223, 0.3067



65.2257, 0.3510, 0.3539

Rectangle

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



65.2257, 0.3024, 0.3530



65.2257, 0.2780, 0.3234



65.2257, 0.3223, 0.3067



65.2257, 0.3486, 0.3329

Sweetspot

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



65.2285, 0.3024, 0.3530



97.1745, 0.3093, 0.3365



67.3873, 0.3257, 0.3674



20.7174, 0.3088, 0.3376



0.0000, 0.0000, 0.0000



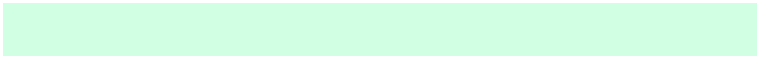
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2285, 0.3024, 0.3530



90.6483, 0.3004, 0.3584



66.0198, 0.2922, 0.3335



14.6910, 0.3062, 0.3435



30.4638, 0.2815, 0.5333



1.9903, 0.2723, 0.5003

Inverse Universe

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



54.6050, 0.3246, 0.3062



73.0172, 0.3274, 0.3014



53.8594, 0.3377, 0.3246



13.1832, 0.3198, 0.3149



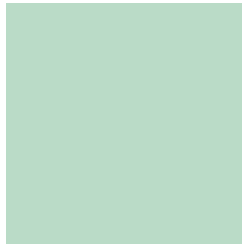
9.9485, 0.4512, 0.2259



0.6613, 0.4243, 0.2111

Previews

White Background



This preview shows how the Yxy color 65.2257, 0.3024, 0.3530 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 65.2257, 0.3024, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

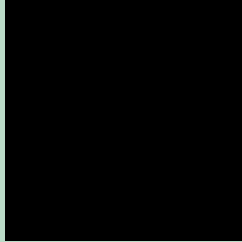
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

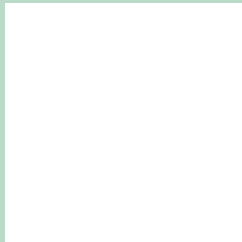
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2257, 0.3024, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 65.2257, 0.3024, 0.3530.

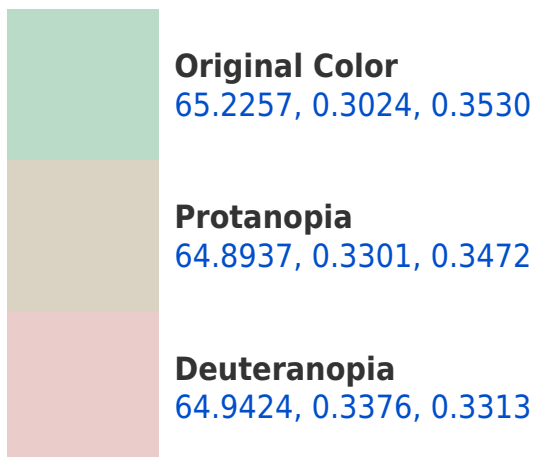


This preview shows how white text looks on a background with the Yxy color 65.2257, 0.3024, 0.3530.

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

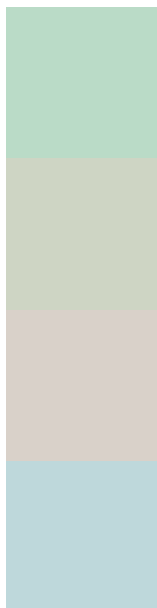




Tritanopia

65.0691, 0.2863, 0.3095

Trichromacy



Original Color

65.2257, 0.3024, 0.3530

Protanomaly

64.6958, 0.3192, 0.3488

Deuteranomaly

64.5697, 0.3244, 0.3381

Tritanomaly

65.1734, 0.2925, 0.3254

Monochromacy



Original Color

65.2257, 0.3024, 0.3530

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0903, 0.3086, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2257, 0.3024, 0.3530 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(186, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 219, 199)  
}
```

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(186, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 65.2257, 0.3024, 0.3530 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(186, 219, 199) }
```

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

```
.border{ border-color:rgb(186, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 219,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2257, 0.3024, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 219, 199) }
```

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

```
.background{ background-color: rgb(186,  
219, 199) }
```

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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